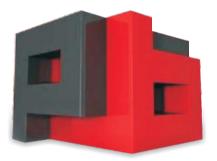
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Bayer Commissions Line 2 for Thermoplastic Polyurethanes in Cuddalore, India



Caption:

From left to right: Ajay Durrani (Managing Director and Senior Country Representative – Indian SubContinent, Bayer MaterialScience Pvt. Ltd.), Marius Wirtz (Global Head of TPU Business at Bayer MaterialScience) and Richard van der Merwe (Deputy Chairman and Managing Director, Bayer Group in India) inaugurate the second production line for thermoplastic polyurethane at the Bayer MaterialScience Cuddalore production facility

- Increase in annual capacity of the site from 2500 MT to 6000 MT
- Expansion to strengthen company's leading position in key customer sectors

Bayer MaterialScience successfully commissioned a second line for production of Thermoplastic Polyurethanes (TPU) in Cuddalore, Tamil Nadu India. The extension of the production facility was recently inaugurated by Ajay Durrani, Managing Director and Senior Country Representative – Indian SubContinent, Bayer MaterialScience Pvt. Ltd. and Marius Wirtz, Global Head of TPU Business at Bayer MaterialScience.

With the investment, the annual capacity of the Cuddalore site will increase to 6,000 metric tons from its current capacity of 2,500 metric tons. The Cuddalore site supplies TPU under the brand name Desmopan for applications in Hose, Tubing, Belt Profile (HTBP), Sports & Leisure (Shoes), IT, Cables, Industrial Mechanical, Automotive, Compounding and Films & Coatings segments. The company is the localmarket leader and offers a wide range of innovative TPUs from both Bayer's local and global TPU portfolio.

Speaking at the inauguration ceremony, Ajay Durrani said, "The investment in Cuddalore is a testament to the confidence that the Company has in the country. Bayer MaterialScience is now even better positioned to meet the strong global and local demand for TPU."

Speaking on behalf of Bayer MaterialScience, Marius Wirtz said, "Desmopan salescontinue to grow unabated in (what is) one of the world's fastest growing TPU markets." Emphasizing on the Company's commitment to safety he added, "Safety has always been a top priority at Bayer. This is also an occasion to celebrate over 10 years of accident-free operations (at our Cuddalore site)'. He added that there has been strong partnership with all the stakeholders of the business and was confident that it will continue to grow further.

Juergen Haettig, Head of Application Development EMEA region highlighted the new innovative TPU solutions from Bayer MaterialScience which included High-Transparent grades, C3Ether based Desmopan grades, High Modulus grades, Solutions for additive manufacturing and TPU's made from Green house gas &Bio based raw materials.

www.bayer.in

The innovative Comexi ACOM R2 high tech gravure press, real star at Converflex



Comexi will bring visitors to discover close-up the first unit installed in a customer's factory close to Milano

Comexi Group, a leading company specializing in machinery solutions for the flexible packaging conversion industry, will be taking part in the forthcoming edition of Converflex (Milano, Italy). Visitors to Hall 2 Stand T27 will have the chance to discover the latest printing and finishing solutions developed by Comexi Group: high added value technologies that respond the current requirements in the flexible packaging market. The company will once again demonstrate to professionals in the sector its ability to offer innovative solutions, as well as its commitment to working to strengthen its relationship with clients and to supporting them as much as possible in their businesses.

On this occasion, the Comexi ACOM R2 gravure press arises as the worldwide novelty to be shown to the printing industry. Following the success of Excel and Platinum gravure models, Comexi Group launches this innovative hi-tech gravure press to answer the current flexible packaging requests.

The new press has been designed to meet the market's broadest demands, maintaining high levels of quality. By incorporating the standard systems, the Comexi ACOM R2 delivery times are reduced. Comexi Group also adds state-of-the-art technology to this press, in terms of machine control and direct drive systems to increase efficiency, as well as SIMOTION by Siemens, which increases energy savings. The Comexi ACOM R2 also has a new inking system concept developed to optimize ink consumption.

Comexi ACOM R2 live demonstrations in Italy

For those professionals interested to see close-up the Comexi ACOM R2 during the fair, the company will arrange visits to the factory where a new gravure press R2 is installed. The reservation can be done directly on the booth or in a d v a n c e b y e m a i l i n g convertingsolutions@comexigroup.com.

Four Flexo solutions for every need

Moving from gravure to flexographic printing, the Comexi FLEXO F2 platform offers clients the ability to produce top quality printing in any market segment. From the basic model, which is ideal for targeting profitability in markets with shorter runs or runs with less added value, to the most sophisticated model that allows combining high quality with top speed for those markets where printing time and quality are critical factors.

Without forgetting sustainability, a fundamental cornerstone for Comexi Group, with the launch of the new F2 printer specially designed for printing with water-based inks.

The increasingly worldwide demanded Comexi OFFSET CI8

Regarding sustainable printing, Comexi Group will highlight the Comexi OFFSET Cl8, a solution that responds most effectively to four issues that summarize current market demands: high quality, time to market, respect for the environment and cost reduction. The Comexi OFFSET Cl8 becomes the suitable solution to strengthen companies positioning as environmentally responsible printers while maintaining high standards of quality, through a simple process very close to digital technology but with a greater production capacity. This is enabled by joining the advantages of both offset variable lengths and flexo central impression drum printing in one single press for flexible packaging and labels.

Comexi NEXUS ML1, the most suitable multipurpose laminator

In the field of laminating, Comexi Group will be promoting both the Comexi NEXUS ML1 and the Comexi NEXUS SL2 laminating machines. On the one hand, the Comexi NEXUS SL2 is the ideal option for working with solventless tapes, designed with cutting edge technologies to obtain maximum reliability and simple operability. This evolution of the successful Comexi NEXUS Evo laminating machine, can work at a maximum speed of 450 m/min with available widths of 1330-1530 mm.

On the other hand, the Comexi NEXUS ML1 has been designed to produce high added value duplex, triplex and multi-layer laminating at high speeds. Thanks to its modular design it can offer multiple solutions adapted to the client's product, either for food, pharmaceutical and paper packaging or labels.

Comexi's solutions for those looking for added value in their end product

Comexi Group will be promoting the Cingular Holography technology that can create holographic effects at register on a wide range of substrates, as well as cold foil, matte and glossy effects at register. Using holograms gives packaging a great, differentiating visual impact, and the possibility of including tamperproof elements. The Cingular Holography technology is available with the Comexi NEXUS Futura solution. This technology reduces significantly the cost of final products compared to the currently available technologies for the creation of holographic effects.

When it comes to slitting, the technology that best reflects Comexi Group's innovative capacity is the Comexi PROSLIT Cingular Laser system. This laser processing solution allows performing all the current applications in one single system, with greater reliability, superior quality and maximum versatility. This way Comexi Group has combined the whole slitting process in one single machine.

The Comexi laser in line is the answer to industry demands: product life increase, reduction of processes, introduction of new materials, thickness reduction, etc. All these advantages make up the perfect process to optimize a flexible package. The Cingular Laser system is an option that can be built into any PROSLIT solution, like the Comexi PROSLIT S1 DT.

www.comexigroup.com

BASF India opens New Agricultural Research Station in Pune, India



- Focusing on local and global agricultural challenges
- Areas of research include herbicides, fungicides, insecticides and solutions beyond crop protection
- To employ directly and indirectly 30 new employees to support research efforts

BASF opened a new Agricultural Research Station in LoniKand, Pune, India. This new research and development (R&D) center will focus on global agricultural research on herbicides, fungicides, and insecticides, as well as on solutions that go beyond classical crop protection. The facility will employ directly and indirectly 30 people, including biologists, farm managers, and workers.

In addition to conducting research in areas of global agricultural interest, the R&D center will also investigate scenarios that are unique to India. These include challenges such as India's specific weeds and pests, as well as climate stresses, like drought, flood cycles, and heat stress. Through its extensive research efforts, the R&D center aims to help farmers make better decisions and improve productivity during the entire cultivation cycle.

"Raising agriculture productivity to meet the increasing demand for quality and quantity of food, is one of the most important challenges facing our country. By setting up a new R&D center in India, BASF aims to actively look into both local and global topics and develop effective and sustainable solutions to help farmers to solve their challenges and improve food output to feed the growing population in India," said Raman Ramachandran, Chairman and Managing Director, BASF India Ltd. and Head of BASF South

Pune has been chosen as the site for the research center because of its ideal location in the southern Indian climate zone. The close proximity to local universities and research institutions makes it possible to generate synergies and promote collaboration in order to build a strong ecosystem that can further boost the agricultural sector. State-of-the-art research center to accelerate future global innovation pipeline

The center will contribute to tailor-made solutions for India's agriculture while moving towards BASF's strategic goal to innovate from Asia Pacific, for Asia Pacific and the world. "Our role is to partner with farmers and to work with them to protect the land they hold in trust for future generations and to meet the evolving expectations of society. The team in India will contribute to these goals by driving the development of new active ingredients, new formulations, and technologies," said Markus Heldt, President of BASF's Crop Protection Division.

In 2014, BASF announced breaking ground of its Innovation Campus in Mumbai via BASF Chemicals India Private Limited, a 100% subsidiary of BASF SE, which will also do research in the area of crop protection with Indian talents and local expertise. Both the Innovation Campus and the new Agricultural Research Station are integral components of BASF' global innovation network. The two R&D facilities will share intelligence and research findings, and generate synergies while developing new crop protection solutions.

Expanded global agricultural research network

With agricultural research stations in different parts of the world, BASF can conduct trials all year around, under different climate and agricultural conditions in order to get a better understanding of how its products perform in the field. Pune will become BASF's fifth agricultural research station, in addition to those already in Brazil, U.S., Spain, Germany, and the Philippines. In total, BASF spends more than €500 million annually on global agricultural R&D showing its commitment to bring sustainable solutions to the agricultural market.

www.basf.com

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Bayer Material Science to be Called Covestro



Flotation planned by mid-2016 at the latest

Bayer has announced that the new name of its MaterialScience business will be Covestro. It will be effective on September 1, 2015. Bayer intends to float Covestro on the stock market by mid-2016 at the latest. The plan for Bayer MaterialScience to become a separate company was announced in September 2014.

The name Covestro is made from a combination of words that reflect the identity of the new company. The letters C and O come from collaboration, while VEST signifies the company is well invested in state-of-theart manufacturing facilities. The final letters, STRO, show the company is strong. It is strong in innovation, strong in the market and with a strong workforce.

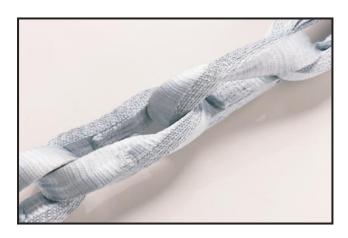
"Covestro represents a bold new direction and bright future for an innovation-driven polymers company," said Patrick Thomas, Chief Executive Officer of Bayer MaterialScience and CEO designate of Covestro. "We are a company that is underpinned by strong and experienced management with a proven track record of excellence and full commitment to value creation. We have loyal and dedicated employees with whom we are confident we can build our future success," he added. The name is part of Covestro's corporate identity, which includes a distinctive new and colorful, vibrant brand.

"We chose Covestro because it reflects the exciting opportunity we will have to deploy our strengths even more rapidly, effectively and flexibly in the global competitive arena," said Thomas. "The new name is part of a brand and identity that is the result of listening to our customers, employees and others close to our business, and which reflects our innovation, talent and big thinking. I am absolutely convinced that our colorful identity and positive vision will help inspire and motivate us on our new path to the future."

Thomas said that being separate would give the new company greater flexibility to independently pursue its business goals. "The platforms for this will include our leading market positions, favorable industry dynamics, our state-of-the art asset base with leading process technology, a portfolio including a high-value specialty business as well as an outstanding team of highly skilled and motivated employees," he said.

www.bayer.com

LIGHTWEIGHT TYCAN CHAINS MADE WITH DYNEEMA FIND WIDE ACCLAIM IN A GROWING NUMBER OF INDUSTRIES



In collaboration with DSM Dyneema, Norway-based Load Solutions AS, a global provider of lashing and loading systems for the transport industry, will officially launch their innovative lightweight synthetic TYCAN chain at the upcoming international trade show BreakBulk Europe 2015, May 18-21 in Antwerp, Belgium. Available on the market since January of this year, the new chain has been hailed for its outstanding performance by users across a wide range of industries, from shipping, mining and oil and gas to commercial fishing. Already, Load Solutions is seeing very sizable new orders and reorders from initial customers. Commercial field trials are ongoing globally in various industrial branches to further expand the commercial market opportunities for TYCAN.

TYCAN chain is a non-metallic link chain made with Dyneema, the world's strongest fiber™. It has been developed to replace the steel chains that are traditionally used to lash and secure project cargo during transportation. Dyneema is a patent-protected ultra-high molecular weight polyethylene (UHMWPE) fiber made by DSM Dyneema. Dyneema is 15 times stronger than steel on a weight-to-weight basis and up to 40% stronger than aramid materials.

Daniel Taylor, Global Marketing Manager of DSM Dyneema confirmed that the response from industries across the board had been massive, saying: "The global market is excited about this new product and welcomes TYCAN! The overwhelming interest, commercial trials and repetitive commercial orders from leading European and American companies in industries including: heavy haulage, oil and gas and fishery are proof of TYCAN's amazing end user benefits."

Marco Global Inc. (Seattle, USA), a leading American brand for fishery equipment that recently put TYCAN chain through its paces, was extremely impressed by the new chain's performance. David O'Neill, Business Development Manager of Marco Global explained: "Inspired by previous announced successful field trials of Mammoet and by Nor Lines Shipping in Europe, we developed the world's first use of TYCAN on commercial fishing boats as a lash & pull link chain."

"Our best customers, active in the sustainable fishing industry in the coastal waters of Alaska, Washington, Oregon, California and in Mexico, enthusiastically tested TYCAN with highly satisfying results. These new synthetic link chains, which are lashed and pulled under any and all weather conditions, up to twenty four times a day by the fishermen, are incredibly light, safe and easy to use!", he said.

TYCAN chain weighs up to 8 times less than its conventional metal counterparts and is more than fifty times less noisy in use. The chain has been shown to provide impressive productivity gains and savings in cost throughout the entire transport process. On trucks, outsize cargo, such as electricity pylons or windmill turbine blades can weigh almost as much as the vehicle's maximum payload capacity. Using TYCAN chain significantly reduces dead weight, which means trucks can safely carry more cargo while remaining within the insurable limits.

Alex Rock, Manager Marketing and Sales of Load Solutions: "For multi-unit logistics companies, every bit of cargo means euros. We have developed a weight—saving calculator, available on our website, that allows customers to calculate exactly how much weight they can save by using TYCAN chain."

The lighter weight of TYCAN chain translates in many cases to lower labor costs - fewer simultaneous hands needed, more efficient securing processes – and on ships, to shorter port stay times and hence lower costs. Additional significant savings can also be realized by the substantially lower claim costs for damaged freight and equipment.

Alex Rock: "There is a major cost benefit for painted surface and sensitive cargo. Using TYCAN chain to lash this type of cargo eliminates the dents and scratches often caused by lashing with steel chains, and can very significantly lower the cost burden of damage claims borne by shipping companies."

He added: "And, unlike steel chains, which are phenomenally noisy when dropped and can cause damage when dragged across decks, TYCAN chain is far quieter in use, enabling better communication and promoting safer and more user-friendly working conditions."

www.dsm.com www.dyneema.com

Hewlett-Packard (HP) will Exhibit at Euromold 2015

For the first time, Hewlett-Packard (HP) will exhibit at Euromold, which is September 22 – 25, 2015 in Düsseldorf, Germany. This marks another milestone toward the realization of the additive manufacturing strategy developed by Wohlers Associates, Inc. (Fort Collins, Colorado USA)

The additive manufacturing community at Euromold 2015 is getting another powerful newcomer: For the first time, Hewlett-Packard (HP) has decided to exhibit at Euromold 2015 within the area of additive manufacturing and 3D printing. Subject to close coordination with Wohlers Associates, Inc. (USA) and SME (USA), a top executive of

Hewlett-Packard will be a keynote speaker at the conference titled "Global Visions of the Future - Shaping an Industrial Revolution" and thus one of the highlights of the three-day conference.

The decision taken by HP to take part at Euromold supports the strategy, developed by Wohlers — Associates, that reflects the emerging additive manufacturing ecosystem at Euromold. Together with SME and Wohlers Associates, Euromold remains the most important meeting place in the additive manufacturing industry.

www.euromole.com

Courtesy

GAIL (India) Limited Unveils New HDPE Grade for Coating/Lamination Applications

GAIL (India) Limited, a premier Public Sector Undertaking of the country, has unveiled a new HDPE grade under its *G-Lene* brand for coating/ lamination and injection mould in gapplications. The new high-density polyethylene (HDPE) grade was



A bag laminated using the new grade EC52A110

launched here recently by GAIL Executive Director (Marketing-PC & Retail) Mr. P. K. Gupta.

The new grade, called *G-Lene HDPE EC52A110*, is suitable for use in extrusion coating/lamination applications in blend with traditional polymers, i.e., low-density polyethylene (LDPE) and linear low-density polyethylene (LLDPE), on HDPE fabric like tarpaulins and woven sacks for fertilizer and other commodity packaging applications.

The new grade offers excellent mechanicals, sealing characteristics and abrasion resistance in comparison to conventional LLDPE-LDPE coating.

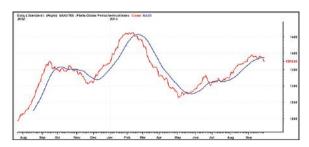
It allows processor to put coating/lamination outside for better aesthetics and printing quality of the bag. It can also be used for injection moulding applications like caps and closures.

G-Lene HDPE EC52A110 is available in natural colour/pellet form in 25 kg strong bags made of woven fabric. The initiative is aimed at offering the best-in-quality product to customers and follows the success of other GAIL products, marketed under the brand names of G-Lex and G-Lene. It will be available for consumers across India through GAIL's pan-India distributor network.

GAIL's polymer products are environment-friendly and fully recyclable and the company provides a wide choice of polymer product grades under the two brands with consistent and reliable quality to its customers. Its manufacturing processes and quality systems ensure that the products conform to the technical specifications. GAIL annually caters to more than 1650 customers, spread throughout the length and breadth of the country, to meet their requirement of LLDPE and HDPE.

www.gailonline.com

Platts: Global Petrochemical Prices Continued to Climb in May



Platts: Global Petrochemical Prices Continued to Climb in May

May Rise of 4% Marked the Fourth Consecutive Month of Increase

Prices in the \$3-trillion-plus global petrochemicals market climbed another 4% month over month in May, for a fourth month of rebound following six consecutive months of falling prices. Petrochemical prices, expressed as a monthly average, increased \$41 per metric ton (/mt) from April to \$1,093/mt in May, according to the just released monthly <u>Platts Global Petrochemical Index</u> (PGPI).

The PGPI is a benchmark basket of seven widely used petrochemicals and is published by <u>Platts</u>, a leading global provider of energy, petrochemicals, metals and agriculture information and a top source of benchmark price references.

"Global petrochemical prices continue to climb, but remain well below last year's prices," said Jim Foster, director of petrochemical analysis at Platts. "Since January, petrochemical prices have advanced 29%, mostly because of stronger crude oil and naphtha prices. But on a year-over-year basis, May 2015 prices are down 20%. In May 2014, the PGPI index was at \$1,361/mt."

PLATTS GLOBAL PETROCHEMICAL INDEX IN DOLLARS PER METRIC TON

The daily price reflected as a monthly average

May 2015	Monthly % Change	Annual % Change	May 2014	April 2015	Mar ch 2015	Feb 2015	Jan 2015
\$1,093	4%	-20%	\$1,361	\$1,052	\$954	\$873	\$850

Crude oil prices were up 8% in May from April and naphtha prices were up 6%. Olefins prices tend to track naphtha prices, given that naphtha is the most widely used cracker feedstock worldwide.

Petrochemicals are used to make plastic, rubber, nylon and other consumer products and are utilized in manufacturing, construction, pharmaceuticals, aviation, electronics and nearly every commercial industry.

OLEFINS

Prices of olefins— a group of hydrocarbon compounds which are the building blocks to many petrochemical products used to produce everyday goods— jumped 2% to 5% in May on the back of stronger naphtha prices. Ethylene prices gained 5% in May from April to \$1,151/mt and propylene prices were up 2% to \$936/mt.

Polyethylene and polypropylene, plastics manufactured from ethylene and propylene respectively, posted similar month-over-month price gains. Global polyethylene prices increased 7% to \$1,529/mt, while polypropylene prices were up 6% to \$1,444/mt.

AROMATICS

Prices of aromatics – a group of scented hydrocarbons with benzene rings used to make a variety of petrochemicals – were mixed last month. Benzene was the only component in the PGPI to post lower prices in May, falling 5% to \$787/mt.

"Benzene prices were lower due to the substantial demand gap from downstream derivatives," Foster said. "For example, at least 10% of European styrene capacity which totals more than 6.6 million metric tons per year — is estimated to be offline in June. Phenol production, the second largest use of benzene after styrene, experienced planned and unplanned maintenance turnarounds at various plants, which had an impact on benzene demand."

Toluene and paraxylene, the two other aromatic PGPI components, saw stronger prices in May. Toluene was up 7% to \$778/mt while paraxylene increased 3% to \$888/mt.

Global equity markets were higher in May. The NIKKEI 225 was up 5%. The Dow Jones Industrial Average and The London Stock Exchange Index (FTSE) both posted less than 1% gains.

www.platts.com Courtesy

www.plasticudyog.com 12 JUNE-JULY / 2015

Victrex: NewPAEK capacity now online

7,000 tonnes total capacity will help to underpin 'mega growth' programmes



Victrex has successfully commissioned the first production stream of its £90 million third Polyaryletherketone (PAEK) manufacturing plant as it focuses on offering even greater security of supply to customers, as well as delivering complete solutions. The capacity increase is also a further foundation to progress Victrex's pipeline of future opportunities, including seven mega programmes, which willhelp grow the company over the coming years.

Recent investments increase Victrex's production capacity by 70 per centto over 7,000 tonnes per year. Alongside its PAEK resin capacity, the worldwide leading PAEK producer has also continued its downstream investment in APTIV® film, pipe, tape and now medical components, enabling the company to differentiate from competitors by supplying complete solutions to customers rather than simply manufacturing materials.

The new PAEK plantserves as the backbone to develop core growth and future opportunities. With long term megatrends being supportive across Victrex's markets of automotive, aerospace, energy, electronics and medical, the company has focused its pipeline on a smaller number of larger opportunities. These include for example aerospace brackets, applications for mobile devices, orthopaedic knees and oil & gas pipes through its partnership with Magma. Victrex recently identified the overall market potential for the high-performing thermoplastic PAEKas being over 80,000 tonnes.

State-of-the-art facilities: High quality and security of supply

David Hummel, Chief Executive of Victrex, said: "We are continuing to move from being simply a materials manufacturer to a solutions provider. Our investment, not only in PAEK manufacturing, but in downstream capability, in know-how in technical excellence and research & development, helps to further differentiate our company. Already today we are able to fill gaps in the market by delivering semifinished and finished components such as APTIV films or medical applications. With the third production facility we are in a position to offer sustained security of supply, which is, along with rigorous quality, critical to our customers."

The new facility for the manufacture of PAEK went into operation in the north-west of the UK during April. Over 1,000 tonnes of structural steel, more than 2,250 cubic metres of concrete and almost almost 30,000 metres of piping were used in the plant's construction. Both in the construction phase and now during ongoing production, top priority has been given to safety and protection of the environment. This is ensured by the relevant defined processes and regulatory approvals as well as the successful completion of the necessary audits. In addition, a new control room ensures the centralised management and monitoring of all three production plants.

Expansion of technical leadership

Victrex continues to evolve and has further differentiated itself from competitors through investment in targeted research and development. The company operates Technology Centres at its headquarters in the UK, in Japan and in Shanghai, the aim being to offer customers an even better service both globally and regionally. Victrex also plans to continue expanding its technological leadership. Earlier this year, the company announced a proposed Polymer Innovation Centre in the UK, which will help to prototype and scale up future developments, enabling customers to test applications before full commercialisation.

www.victrex.com

WACKER Presents Silane-Terminated Polymers for High-Performance A dhesives

At the European Coatings Show 2015, Munich-based chemical group WACKER will be unveiling novel, silane-terminated polymers for the formulation of industrial adhesives and for sealing flat surfaces. Known as GENIOSIL® XT, the new binder makes it possible to produce materials that are extremely tearresistant and at the same time highly elastic. This combination of properties unlocks applications in automotive and mechanical engineering that were previously closed to silane-curing polymers.



Windshield bonding: GENIOSIL® XT silane-modified polymers from Munich-based chemical group WACKER make it possible to formulate strong but highly elastic adhesives of the kind needed for direct glazing.

GENIOSIL® XT 50 and GENIOSIL® XT 55 further complement WACKER's portfolio of silane-curing binders. Both grades are based on silane-modified polyethers with a high density of crosslinkable silyl groups which cure to a tight-mesh network that is very strong but elastic. Adhesive layers and sealing membranes formulated with GENIOSIL® XT possess high strength. However, they are also highly ductile and will tear only when subjected to strong forces. Damaged material exhibits no tendency to tear propagation.

GENIOSIL® XT thus represents the first technically equivalent alternative to conventional polyurethane-based systems. By virtue of their properties, the new polymers are ideal for applications that repeatedly subject them to dynamic forces, such as vibrations in vehicles and washing machines. Up to now, applications of this kind were essentially the domain of isocyanate-curing polymer systems.

Furthermore, GENIOSIL® XT's low viscosity makes it easy to process at low temperatures. The binders can be formulated with and without plasticizers or

fillers, and blends can be produced in any color. The compounds can be formulated for adhesion to many conventional substrates, such as metals, glass, cement, glazed tiles, wood, polycarbonate, and polymethyl methacrylate. Priming is unnecessary. As the polymers are also miscible with all other GENIOSIL® silane-terminated polyethers, compounders can vary the properties over a wide range of formulations. Typical end products are industrial adhesives, liquid waterproofing systems, and coatings.

GENIOSIL® XT 50 for Liquid Waterproofing Systems GENIOSIL® XT 50 is an alpha-silane-terminated polymer and lends itself to the production of tin-free adhesives and crack-bridging liquid waterproofing systems. These can possess tensile strengths of up to 9 N/mm2 and tear strengths of up to 50 N/mm (measured in accordance with ASTM D 624 B-91). What is more, GENIOSIL® XT 50 can be formulated without fillers to make transparent, tin-free end products that have good mechanical properties.

GENIOSIL® XT 55 is a gamma-silane-terminated polyether. It can yield shear strengths of over 5 N/mm2 combined with elongation at break of around 700 percent, the exact values depending on the formulation. Such formulations are also notable for their high tear strength and high elastic recovery. The polymer is therefore ideal for the production of high strength, yet extremely flexible industrial adhesives of the kind used, for example, in direct glazing of windshields in the automotive industry. http://www.wacker.com

Courtesy

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Windmöller & Hölscher Hosts In-house EXPO in Lengerich

There is more than a year to wait until the next round of trade shows in Düsseldorf begins with drupa, K and interpack. To fill the gap, Windmöller & Hölscher is hosting an in-house EXPO to showcase several new flexible packaging solutions. Under the banner "PACKAGING 4.0", intelligent, intuitive and integrated technologies will be shown. The EXPO at W&H will show the possibilities the 4th Industrial Revolution opens for the manufacturing of flexible packaging, with integration of production lines and technical data streams. W&H will respond to the Mega-Trends in the industry and will answer pressing questions about the rising prices of raw materials, scarce resources, price pressure and the challenge of finding qualified workers. As an industry leader in machinery for film extrusion, printing and converting, W&H is in a unique position to herald PACKAGING 4.0.

Highlights in extrusion will include 5 blown and cast film lines representing a snapshot of current ends in film production. They include:

AQUAREX producing an asymmetrical, water-cooled barrier film for pouches.

VAREX II presentations on three lines will show examples of completely different configurations for product innovation and cost reduction.

- ♦ One line will show the production of lamination film with resin changes driven by automation modules and wash-up program.
- ♦ Another VAREX II along with an inline MDO unit will show the production of breathable diaper film. The integrated P-MDO thickness profile control ensures uniform thickness of the stretched film.
- ♦ The third line will produce high barrier film as lidding for re sealable food packaging.

OPTIMEX will highlight two technical achievements. The first 5-layer line of this product range producing the first 5-layer film for stretch hoods showing that 5-layers offers more and costs less than customary film structures.

FILMEX will demonstrate the production of highstrength, thinner stretch film ("taut film") for economical and reliable load securing.

As a follow-up to the extrusion presentations will be printing demonstrations of three flexographic and one gravure printing press:

VISTAFLEX CL 8 will show the printing of diaper film produced on the VAREX II at speeds of 800 m/min with inline slitting. The highly effective EASY-CHECK C system automatically measures color quality during production operations.

MIRAFLEX CM 10 will show an example of printing with high ink coverage and massive drying to demonstrate that even energy intensive jobs can be optimized using the "Energy Monitoring". In addition, new modules to improve print quality will be introduced.

MIRAFLEX S - The newest model in the MIRAFLEX family celebrates its public premiere. This compact press shows its high quality print for short production runs.

HELIOSTAR S demonstration focuses on the newly designed HELIOCONTROL ADVANCED sensor technology and demonstrates its register accuracy for both inks and coatings The press will run a thin packaging film printed at speeds of 500 m/min.

And finally W&H will show the process of turning the film to useable packaging in our Converting exhibits:

AD PLASTIC 2 – The valve bottomer for film valve sacks follows in the footsteps of its legendary predecessor, this time on the basis of innovative, adhesive free, hot air sealing.

POLYTEX – The tuber for film will show solutions for highly complex tube constructions with venting and embossing used for special applications.

With this diverse portfolio, a large number of manufacturers and converters of flexible packaging from around the world will attend the expo. Multi-lingual machine presentations are scheduled throughout the day giving customers the freedom to make their own agendas.

www.wuh-group.com

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POLYMER BAZAAR: DAILY REPORT

3 August 2015



The Single Platform For Polymer's News & Business

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♣ Market Watch, week 1st August 2015:

♦ Cost Correction given by Companies has Casted Courage to Convertors in Critical phase.

We all are witnessing reversal of crude- the route energy source, responsible for rest price cut of other downstream & petrochemical products. Crude reversal has made other intermediates to see further corrections. As expected, Much awaited price correction was announced by local polymer producers with positive note.

Now question is, till what extend crude will see softness Crude scenario is unclear & unpredictable but As per experts ,still polymers may see price reduction in days ahead as falling crude and feedstock prices will have its impact on it. It is also obvious that spiral in crude has to stretch further as Iran gears up to speed up its supplies after trade sanctions.

♦ Feedstock:

Feedsrock like, Propylene & Ethylene has seen nosedrive journey by reaching to \$850 & \$1030 CFR SEA respectively with tendency to go down further. The bottom has become elusive seeing the dramatically changing scenario and situation.

In respect to feedstock prices & by adding theoritical conversion cost of \$ 175 - 200 / mt(monomer to polymer) polymers seems to travel further in southward. Whilst we can not convincingly predict the absolute bottom.

- Approx. Theoritical values of Polymers based on cureent feedstock prices.
- ◆ **PP**: Has to be or will be seem at \$1030-1050/mt (Propylene price \$850/mt + conversion cost 175 to 200/mt)
- ◆ **PE** :Should be \$ 1200-1230/mt (Ethylene 1030/mt +converion cost \$175 to 200/mt)
- ◆ PS: Should be or will be seen at \$ 1375-\$1400/mt (\$1190+ conversion cost)

Further more, it also depends on crude supply demand position and approach of OPEC Countries post Iran entry. If predictions for crude in range with \$40/ barrel becomes fact, we may see multi year lows in crude, Naptha and polymer prices in days ahead.

The Econimics says that if supply is far in excess of demand then price will always be under pressure. The remedy is restricting the supplies or increasing the demand. Seeing the global position, demand is contracting. Thus, one has to restrict supplies.

It will be interesting to watch whether Saudi Arabia and other OPEC countries maintain their production levels to keep their market share or reduce their production to arrest free fall in crude prices.

♦ BAZAAR Expectations:

It seems that domestic producers will be forced to declare a any selling scheme (based on monthly or quarterly lifting) in PP and PE to revive and kickstart the buying. The buying sentiments in bazaar is on need base buying mode with "Wait and watch" policy.

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Market News:

- Lotte Chem is in plans to expand its naphtha cracking facility based at Malaysia by investing \$257 mn. The expansion scheduled in the second-half of 2017.
- Taiwan VCM was shut on 9th July'15 for annual maintenance.
- South Korean PET mfgr decreased its PET offers for exports by \$40/mt.
- Yeochun NCC likely to shuts its S.Korea based naphtha cracking facility for maintenance purpose.
- Mexichem is in plans to build a new production line with an annual capacity of 40,000 metric tons of PVC Paste grade at its European PVC facility.
- Iranian petrochemical industry increase its production of petrochemical products in order to raise exports to European markets.
- Texas refinery will largest in the US.
- RDGC is in plans to shut Thailand based its aromatics complex due to a technical glitch.

Latest International Polymer offers: (USD/mt.)

Grade (Application)	SEA(India)	<u>FEA</u>	<u>China</u>	<u>Hong</u> Kong	<u>Middle</u> East	<u>Europe</u>
Poly Propylene:P.P	(\$/mt-	(\$/mt-	Main port,	(\$/mt-	(\$/mt-	(€ /mt-FD
	CIF)	CFR)	\$/mt	FOB)	FOB)	NWE)
Raffia (Homo Polymer)	1130	1095	1100	1180	1110	1,360
Injection moulding , (11 M.F.I.)	1135	1100	1105	1175	1115	1,360
Film (Tubular quench-T.Q.),	1150	1125	1130	1195	1140	1,375
B.O.P.P.	1155	1150	1125	1350	1135	1,440
Impact Co-Polymer (I.C.P or P.P.C.P.)	1165	1160	1135	1365	1145	1,430
Random Co-Polymer ,(R.C.P.)	1170	1170	1145	1370	1155	1,440
Grade (Application)	SEA(India)	<u>FEA</u>	<u>China</u>	<u>Hong</u>	<u>Middle</u>	<u>Europe</u>
				<u>Kong</u>	<u>East</u>	
High Density Poly Ethylene: H.D.P.E.	(\$/mt-	(\$/mt-	Main port,	(\$/mt-	(\$/mt-	(€ /mt-FD
	CIF)	CFR)	\$/mt	FOB)	FOB)	NWE)
Raffia	1280	1255	1245	1360	1255	1,575
Film	1270	1245	1230	1350	1240	1,560
Injection moulding (18 M.F.I.)	1250	1205	1215	1335	1225	1,550
Blow moulding	1270	1260	1230	1335	1240	1,550
HM Pipe (P.E80)	1270	1255	1225	1340	1235	1,610
HM Film	1270	1260	1225	1340	1235	1,620
HM Blow	1295	1280	1245	1375	1255	1,610
Grade (Application)	SEA(India)	<u>FEA</u>	<u>China</u>	<u>Hong</u>	<u>Middle</u>	<u>Europe</u>
				Kong	<u>East</u>	
Linear Low Density Poly	(\$/mt-	(\$/mt-	Main port,	(\$/mt-	(\$/mt-	(€ /mt-FD
Ethylene:L.L.D.P.E.	CIF)	FOB)	\$/mt	FOB)	FOB)	NWE)
Film (1, M.F.I.)	1235	1210	1195	1290	1205	1,575
Roto moulding	1260	1255	1225	1325	1235	1,575
Injection moulding (High M.F.I.)	1285	1265	1235	1310	1245	1,575
Lamination	1300	1285	1250	1325	1260	1,585

Grade (Application)	SEA(India)	<u>FEA</u>	<u>China</u>	<u>Hong</u>	<u>Middle</u>	<u>Europe</u>
				<u>Kong</u>	<u>East</u>	
Low Density Poly Ethylene:L.D.P.E.	(\$/mt-	(\$/mt-	Main port,	(\$/mt-	(\$/mt-	(€ /mt-FD
	CIF)	FOB)	\$/mt	FOB)	FOB)	NWE)
General Purpose / Film grade	1300	1280	1250	1350	1260	1,525
Heavy Duty	1335	1315	1285	1370	1295	1,540
Lamination / Extrusion	1415	1395	1365	1410	1375	1,555
Injection Moulding	1365	1350	1315	1420	1325	1,535
Grade (Application)	SEA(India)	<u>FEA</u>	<u>China</u>	Hong	Middle	Europe
				Kong	East	
Poly Vinyl Chloride :P.V.C.	(\$/mt-	(\$/mt-	Main port,	(\$/mt-	(\$/mt-	(€ /mt-FD
	CIF)	FOB)	\$/mt	FOB)	FOB)	NWE)
Suspension (Pipe / Extrusion),	900	920	890	-	910	-
Injection Moulding, 'K' Value 57	920	940	910	-	930	-

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♣ Latest International Polymer offers For Indian market: (USD/mt.)

Grade (Application)	<u>(</u>	CIF Nhava	Shev	/a:(S	<u>\$ /mt)</u>	Trend	*L	anding rate	(NS,N	<u> Iumbai)</u>	<u>Last week</u>
Poly Propylene:P.P	<u>\$</u>	From	_	<u>\$</u>	<u>To</u>	_	\$/R	s.Exchange	rate	64.10	Report \$
Raffia (Homo Polymer)	\$	1120	То	\$	1130	Down	Rs.	93678	То	94497	(-35)
Injection moulding , (Homo polymer,11 M.F.I.)	\$	1125	То	\$	1135	Down	Rs.	94088	То	94906	(-30)
Film (Tubular quench-T.Q.) , (Homo polymer)	\$	1140	То	\$	1150	Down	Rs.	95315	То	96134	(-35)
B.O.P.P.	\$	1145	То	\$	1155	Down	Rs.	95725	То	96543	(-35)
Impact Co-Polymer (I.C.P or P.P.C.P.)	\$	1155	То	\$	1165	Down	Rs.	96543	То	97362	(- 35)
Random Co-Polymer ,(R.C.P.)	\$	1170	То	\$	1180	Down	Rs.	97771	То	98590	(- 35)
Grade (Application)	(CIF Nhava	a Shev	/a:(S	\$ /mt)	Trend	*L	anding rate	(NS,N	<u> </u>	Last week
High Density Poly Ethylene: H.D.P.E.	\$	From	l <u>.</u>	\$	To	_	\$/R	s.Exchange	rate	64.10	Report \$
Raffia	\$	1280	То	\$	1290	Down	Rs.	106775	То	107594	(-60)
Film	\$	1270	То	\$	1280	Down	Rs.	105957	То	106775	(-60)
Injection moulding (18 M.F.I.)	\$	1250	То	\$	1260	Down	Rs.	104320	То	105138	(-80)
Blow moulding	\$	1270	To	\$	1280	Down	Rs.	105957	То	106775	(-85)
HM Pipe (P.E80)	\$	1270	To	\$	1280	Down	Rs.	105957	То	106775	(-85)
HM Film	\$	1270	To	\$	1280	Down	Rs.	105957	То	106775	(-85)
HM Blow	\$	1295	To	\$	1305	Down	Rs.	108003	То	108822	(-85)
Grade (Application)		CIF Nhava	a Shev	/a:(S	<u>\$ /mt)</u>	Trend	*L	anding rate	(NS,I	<u> Iumbai)</u>	<u>Last week</u>
Linear Low Density Poly Ethylene:L.L.D.P.E.	<u>\$</u>	<u>From</u>	_	<u>\$</u>	<u>To</u>	-	\$/R	s.Exchange	<u>rate</u>	64.10	Report \$
Film (1, M.F.I.)	\$	1235	To	\$	1245	Down	Rs.	103092	То	103910	(- 55)
Roto moulding	\$	1260	То	\$	1270	Down	Rs.	105138	То	105957	(- 55)
Injection moulding (High M.F.I.)	\$	1285	То	\$	1295	Down	Rs.	107185	То	108003	(-55)
Lamination	\$	1300	То	\$	1310	Down	Rs.	108412	То	109231	
							ı				
Grade (Application)		CIF Nhava	a Shev	/a:(S	<u> </u>	Trend	<u>*L</u>	anding rate	(NS,N	<u> Iumbai)</u>	<u>Last week</u>
Low Density Poly Ethylene:L.D.P.E.	<u>\$</u>	<u>From</u>	-	<u>\$</u>	<u>To</u>	-	\$/R	s.Exchange	<u>rate</u>	<u>64.10</u>	Report \$
General Purpose / Film grade	\$	1300	to	\$	1310	Down	Rs.	108412	To	109231	(- 15)
Heavy Duty	\$	1335	to	\$	1345	Down	Rs.	111277	То	112096	(-15)
Lamination / Extrusion	\$	1415	to	\$	1425	Down	Rs.	117826	To	118644	(- 15)
Injection Moulding	\$	1365	to	\$	1375	Down	Rs.	113733	То	114552	(- 15)
Milk Pouch	\$	1365	to	\$	1375	Down	Rs.	113733	To	114552	(-15)
Grade (Application)	<u>(</u>	CIF Nhava	a Shev	/a:(S	<u> </u>	Trend	*L	anding rate	(NS,N	<u> Mumbai)</u>	<u>Last week</u>
Poly Vinyl Chloride :P.V.C.	<u>\$</u>	<u>From</u>	_	<u>\$</u>	<u>To</u>	_	\$/R	s.Exchange	<u>rate</u>	<u>64.10</u>	Report \$
Suspension (Pipe / Extrusion) ," K' Value 67	\$	900	to	\$	910	Down	Rs.	75670.13	То	76488.69	(+5)
Injection Moulding,"K" Value 57	\$	920	to	\$	930	Down	Rs.	77307.24	То	78125.80	(+5)
Grade (Application)		CIF Nhava	a Shev	/a:(S	<u> /mt)</u>	Trend	*L	anding rate	(NS,N	<u> Iumbai)</u>	Last week
Poly Styrene:P.S.	<u>\$</u>	From	_	<u>\$</u>	To	_	\$/R	s.Exchange	rate	64.10	Report \$
GPPS	\$	1310	to	\$	1320	Down	Rs.	109231	To	110050	(-65)
HIPS	\$	1400	to	\$	1410	Down	Rs.	116598	To	117417	(-65)
Grade (Application)	<u>(</u>	CIF Nhava	a Shev	/a:(S	<u>\$ /mt)</u>	Trend	<u>*L</u>	anding rate	(NS,I	<u> Mumbai)</u>	<u>Last week</u>
A.B.S (Acrilonitrile Butadiene Styrene)	<u>\$</u>	<u>From</u>	_	<u>\$</u>	<u>To</u>	-	\$/R	s.Exchange	rate	<u>64.10</u>	Report \$
ABS	\$	1470	to	\$	1480	Down	Rs.	122328	То	123146	(-30)
Grade (Application)	_(CIF Nhava	n Shev	/a:(5	\$ / <u>mt)</u>	Trend	*L	anding rate	(NS,I	<u> </u>	Last week
E.V.A 18 %	\$	From	_	<u>\$</u>	To	_	\$/R	s.Exchange	rate	64.10	Report \$
E.V.A 18 %	\$	1510	to	\$	1520	Down	Rs.	125602	То	126421	(- 50)
Grade (Application)	·	CIF Nhava				Trend		anding rate			Last week
P.E.T.	<u>\$</u>	From	_	<u>\$</u>	To	_		s.Exchange		64.10	Report \$
P.E.T.	\$	1010	to	\$	1020	Down	Rs.	84674	То	85493	(- 20)
		1	1				·	I.		I.	

Note: 1.)

- Care has been taken for Polymer rate & accuracy part is concerned. This rate gives a general idea & overview of International Rate of diff. polymers.
 There are chances of having rate difference depending upon Qty., Port, Make, Origin & Payment terms.

 Data given here above has been collected from reliable sources & published in good faith only. We don't take any responsibility for the decision taken basis
- on any part of this report.

 Calculation of imposed duty in respective polymer has been taken in general, pl. consider Anti-dumping duty to any sp.polymer, port or Origin make if it is applicable.

Today's Indian Domestic Polymer Price: (Rs/Kg)

						C* .		
Poly Propylene	<u>Availability</u>	Ahmadabad	<u>Mumbai</u>	<u>Delhi</u>	<u>Bangalore</u>	<u>Chennai</u>	<u>Indore</u>	<u>Kolkata</u>
H030SG (Raffia)	Available	97.00	96.00	97.75	98.75	99.25	98.00	101.50
H350FG (Lamination)	Available	99.00	98.00	100.00	100.75	101.25	100.00	101.50
H100EY (Film)	Available	100.25	99.25	101.00	102.25	101.75	101.25	105.00
H110MA (Inj. Mldg)	Available	97.50	96.00	97.50	98.00	98.75	98.00	100.00
AM120N (Inj.mldg)	Available	97.00	95.50	97.00	98.50	98.50	97.50	99.00
110MG (Inj.Mldg)	Available	96.50	95.00	96.50	97.75	98.00	96.75	97.50
MI3530 (CP-Inj.mldg)	Available	104.00	102.75	103.75	105.50	106.00	104.75	105.25
R 120 MK(RCP)	Shortage*	111.50	110.00	111.50	112.75	113.00	112.00	112.75
RCP SRN 20 NC	Shortage*	112.00	110.75	112.50	113.50	114.25	112.75	114.00
H050 MN	Shortage*	103.00	102.00	103.75	105.00	106.00	104.00	105.00
<u>IOCL - PP</u>	1	<u>Ahmadabad</u>	<u>Mumbai</u>	<u>Delhi</u>	<u>Bangalore</u>	<u>Chennai</u>	<u>Indore</u>	<u>Kolkata</u>
H1110 MG	Available	97.00	95.50	96.00	98.25	98.50	97.50	99.00
PP IM-HMEL M 12 RR	Available	96.75	95.25	95.75	98.00	98.25	97.25	97.25
PP Film	Available	99.00	98.00	99.00	100.75	101.00	100.00	100.00
H.D.P.E. Raffia	1	<u>Ahmadabad</u>	<u>Mumbai</u>	<u>Delhi</u>	Bangalore	Chennai	<u>Indore</u>	Kolkata
E 52009	Shortage*	110.50	108.50	109.75	111.25	111.75	110.00	110.75
W 50A009 / W 52	Shortage*	111.00	109.25	108.75	112.00	112.50	110.75	110.00
Т 9	Shortage*	111.25	109.50	109.75	112.25	112.75	111.00	111.25
H.D.P.E. Inj. Ml	dg	Ahmadabad	<u>Mumbai</u>	<u>Delhi</u>	Bangalore	Chennai	Indore	Kolkata
50 MA 180	Shortage*	109.50	108.50	109.00	111.00	111.25	110.00	111.00
M 5018L	Available	110.00	108.50	108.75	111.25	111.50	110.00	110.75
I 50 A 180	Available	109.75	107.75	108.50	110.25	110.75	109.00	110.00
180M50 (IOCL)	Available	109.75	108.50	108.25	111.00	111.50	109.75	111.50
<u>H.D.P.E. H.M.(Fi</u>	<u>lm)</u>	Ahmadabad	<u>Mumbai</u>	<u>Delhi</u>	Bangalore	Chennai	<u>Indore</u>	<u>Kolkata</u>
003DF49 (IOCL)	Available	111.00	109.75	110.00	112.50	113.00	111.25	113.00
F 5400	Available	112.00	110.50	110.00	113.25	113.75	112.00	111.00
GAIL 55 (F55HM)	Available	111.50	110.00	109.25	112.50	113.00	111.50	110.25
F46003	Available	105.00	104.00	104.75	106.50	107.25	105.50	105.75
H.D.P.E. BLOV	<u>V</u>	<u>Ahmadabad</u>	<u>Mumbai</u>	<u>Delhi</u>	<u>Bangalore</u>	Chennai	<u>Indore</u>	<u>Kolkata</u>
B52	Shortage*	111.00	110.00	109.75	112.75	113.25	112.00	110.75
012DB54 (IOCL)	Shortage*	111.00	110.00	110.00	112.75	113.25	112.00	111.00
B 6401	Shortage*	111.50	110.50	109.75	113.25	113.75	112.50	110.75
B56003/54GB	Shortage*	111.75	109.75	110.75	112.50	113.00	112.00	113.00
LLDPE FILM	Most Short	Ahmadabad	Mumbai 112.25	<u>Delhi</u>	Bangalore 115.00	Chennai	Indore	Kolkata
LL F19010	Supplied	113.25	112.25	114.25	115.00	116.00	113.75	114.50
HPL 71601	Shortage*	112.00	110.75	110.25	113.50	114.50	112.25	112.00
LLDPE ROTO		Ahmadabad	Mumbai	Delhi 114.50	Bangalore	Chennai	Indore	Kolkata N. A
HPL 73204T	Shortage*	114.75	113.75	114.50	116.50	117.00	115.25	N.A
36RA045	Shortage*	115.00	114.00 Mumboi	114.75	116.75	117.25	115.50	117.00
L.L.D.P.E laminat	Shortage*	Ahmadabad 114.00	<u>Mumbai</u> 112.75	<u>Delhi</u> 115.25	<u>Bangalore</u> 116.25	<u>Chennai</u> 116.50	<u>Indore</u> 114.25	<u>Kolkata</u> 115.50
L.D.P.E.	Shortage"	Ahmadabad	Mumbai	Delhi	Bangalore	Chennai		Kolkata
24 FS 040	Available	116.50	114.50	115.50	117.25	117.75	<u>Indore</u> 116.00	123.50
16 MA 400	Shortage*	124.00	122.50	126.50	126.50	127.50	124.00	123.50
	Ü	130.00				133.00		
1070 LA 17	Shortage*	130.00	129.00	134.00	132.00	133.00	132.00	135.00

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LLDPE INJ.ML	. <u>DG</u>	Ahmadabad	<u>Mumbai</u>	<u>Delhi</u>	Bangalore	Chennai	Indore	<u>Kolkata</u>
M26500	Shortage*	118.00	116.75	118.25	119.75	120.75	118.50	125.00
PVC		Ahmadabad	<u>Mumbai</u>	<u>Delhi</u>	Bangalore	Chennai	Indore	<u>Kolkata</u>
K – 6701	Available	77.00	75.00	77.00	77.00	77.50	76.50	77.00
K – 5701	Available	78.00	76.00	78.00	78.00	79.00	77.50	78.00
Imported Mat.67 (K-Value)	Available	76.00	73.00	76.00	74.50	76.00	74.50	76.00
Poly Styrene:P.	S.	<u>Ahmadabad</u>	<u>Mumbai</u>	<u>Delhi</u>	<u>Bangalore</u>	Chennai	<u>Indore</u>	<u>Kolkata</u>
GPPS	Available	114.00	113.00	114.00	115.50	116.25	114.50	115.00
HIPS	Available	118.00	117.00	118.00	119.50	120.25	118.50	119.00
A.B.S		Ahmadabad	Mumbai	<u>Delhi</u>	Bangalore	Chennai	Indore	Kolkata
920 (Ineos)	Available	133.00	131.00	133.00	133.75	134.25	132.25	135.25
700 Coloured ABS	Available	154.00	152.00	153.00	154.75	155.25	153.25	155.25
<u>P E T</u>	<u>, </u>	Ahmadabad	Mumbai	<u>Delhi</u>	Bangalore	Chennai	Indore	Kolkata
RELPET 5801	Available	84.25	83.00	84.25	85.75	86.25	84.50	85.25
	1	Impor	ted Materi	ial	,			l
LL Film (1 M.F	.I)	Ahmadabad	Mumbai	Delhi	Bangalore	Chennai	Indore	Kolkata
Imported LL	Available	112.50	110.50	111.50	112.50	113.25	112.00	114.50
•	Available	113.00	111.00	112.00	113.00	113.50	112.50	114.00
HM film		Ahmadabad	Mumbai	Delhi	Bangalore	Chennai	Indore	Kolkata
	Available	110.00	108.50	109.25	111.25	111.75	110.00	110.25
Imported HM	Available	110.50	109.25	110.00	112.00	112.50	110.75	111.00
-	Available	110.75	109.00	109.75	111.75	112.25	110.50	110.75
LDPE LAMI. (7 M	I.F.I.)	Ahmadabad	Mumbai	Delhi	Bangalore	Chennai	Indore	Kolkata
Titan 801 YY	Most Short Supplied	122.00	121.00	123.00	125.00	124.25	122.50	123.50
Hanwa	Most Short Supplied	124.00	123.00	124.00	126.00	126.25	124.50	124.00
Engineering Mate	<u>erial</u>	<u>Ahmadabad</u>	<u>Mumbai</u>	<u>Delhi</u>	<u>Bangalore</u>	Chennai	Indore	Kolkata
Nylon 6 (GSFC)	Available	220.50	219.25	219.50	222.00	222.50	220.50	221.00
Nylon 6 6 (GSFC)	Available	260.50	259.25	259.50	262.00	262.50	260.50	261.00
Nylon GF 30%	Available	185.50	184.25	184.50	187.00	187.50	185.50	186.00
Delrin	Available	100.50	99.25	100.75	102.00	102.50	100.50	102.25
Plain PBT	Available	160.50	159.25	159.50	162.00	162.50	160.50	161.00
Poly Curbonate-BAY	ER-PC	<u>Ahmadabad</u>	<u>Mumbai</u>	<u>Delhi</u>	<u>Bangalore</u>	<u>Chennai</u>	<u>Indore</u>	<u>Kolkata</u>
2407 General Purpose	Available	185.00	183.75	184.00	186.50	187.00	185.25	185.50
2858 Medical grade	Available	225.00	223.75	224.00	226.50	227.00	225.25	224.50
S.A.N (Ineos) 2300	Available	130.50	129.25	132.25	132.00	132.50	130.75	133.75
EVA:	Available	120.00	118.00	119.00	121.00	121.25	120.00	119.50

Good news for traders of Maharashtra:

LBT is abolished from 01st August 2015 for all having less than 50Cr turn over.

Honb. CM of Maharashtra Shri Devandra Fadnavis has announced in the house that LBT is abolished on all having less than 50 Cr turn over w.e.f 01st August 2015. Approximately 6 lakhs traders of Maharashtra are out of LBT web now. Only around 550 establishments are under LBT now.

Heartiest Congratulations to all the traders of Maharashtra from Polymerbazaar.

Company	Polymer	Change	Rs/Mt	Approx (\$/Mt)	Company	Polymer	Change	Rs/Mt	Approx (\$/Mt
RIL	PP/LDPE Lamination/EVA	Down	₹ 4,000	\$62.40	IOCL	PP	Down	₹ 4,000	\$62.40
	HM HDPE	Down	₹ 3,000	\$46.80		LLDPE	Down	₹ 2,000	\$31.20
	HDPE Extrusion	Down	₹ 4,000	\$62.40	,	HDPE	Down	₹ 3,000	\$46.80
	LDPE / LLDPE	Down	₹ 2,000	\$31.20		LBM	Stable	No Change	Stable
	Other PVC/ PET	Stable	No Change	Stable	GAIL	HDPE	Down	₹ 3,000	\$46.80
	PVC K5701	Up	₹ 500	\$7.80		LLDPE	Down	₹ 2,000	\$31.20

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Exhibition Detail.

Name of The Exhibition	Place	Date of the Exhibition.
Kenya Plast	Narobi (Kenya)	10 to 12 June-2015
Plastic Vietnam-2015	SECC, Hechi Minherty Vietnam	23 to 25 July 2015-01-14
T.Plas (Plastic & Rubber)	BITEC Bangkok Thailand (W-tplas.com)	26to29 Aug2015
Gulf Plastic & Polymer Show	Abu-Dhabi National Exhibition Center.	8 to 10 Sept -2015
lplex – 15	Bangalore	25 to 27 Sept-2015
Plasti World	Mumbai (Goregaon)	8 to 11 Oct -2015
Pro Pack	Dubai International Conven & Exhibition Center.	27 to 29 Oct- 2015
IndPlas	Science City Ground Kolkata	27 to 30 November 2015
Plast Eurasia	Istanbul-2015	3 to 6 Dec.2015
Plast Show	Vapi	4 to 6 Dec.2015
Oman Plast	Oman International Exhibition Center.	5 to 7 Jan-2016
Plexpo	Gandhinagar (Gujarat)	7 t0 11 January2016
Plastware Expo	Mumbai (Goregan)	19 to 21 February2016
Plast Asia-2016	Pragati Maidian DELHI	4 t0 6 th March-2016

polymer price guide login www.plasticudyog.com Mob : 8264233414, 9327344559 LET us think of the INDIAN society and about the masses who contribute a lot, with their hard earned money in terms of taxes to run this unfortunate Nation and to feed many corrupts in the country.

Think of the so-called 'ban' on Plastic pack of Gutkha. The biggest ever Joke Government of INDIA and its tried to implement in INDIA, during 2009-2010?

The Structure of Guthka pack and most Namkeen pack / Biscuit pack can be as below:

Innermost layer of LD/LLD 20 to 40 Micron as the need be + Middle layer of Aluminized (Thus metalized) BOPP / May be BOPET as well of 12 micron / plus may be 2 microns Metallization layer +Outer most layer of 12 micron reversed printed BOPP / May be BOPET. This triple layer structure is next to impossible (till date) to convert it in to some recyclable / usable form of plastic!

Gutkha pack is smaller and the same or almost similar pack of NAMKEEN is continuing. Both packs were and are thrown on open land by ill-educated, highly irresponsible lot of people who can and must be termed as Anti-Nationals since they spoil the Motherland and screw the environment. People who spit on motherland with Pan / Guthka picks also must be labeled as Anti-Nationals.

In fact the if the people (Ministers of by the then GOI) were really patriotic and thinking about the good of the citizens, must have implemented 'NO throwing of any trash' on the roads and instead they should have implemented ban on Gutkha and they argue that it gifts cancer. Yes But why not BAN Gutkha itself? Since it earned a lot of money for some small group of people and politicians?

Ban on plastics is impossible as long as we do not have alternate packaging material. And to ban Gutkha pack of plastic is a big joke and major cheating with the India's good. Why not ban similar Aluminized plastic used to pack Namkeen? Just because many people do not know the packaging substrates, its non-recyclability and ignorance due to lack of knowledge; which also is not imparted by the manufacturers.

Also there was a big game played by a few in this country which is here described for many to note and understand the Anti-National activity of Few Politicians and few business houses of the unfortunate MOTHERLAND INDIA.

Just before the BAN on Gutkha was announced officially by the GOI publically, a few BOPET and BOPP manufacturers got together in the name of a CARTEL for making money and to befool people of INDIA, (They came to know about such ban was to be implemented, obviously much money must have changed hands, made a consortium and the Film

price shoot up to 210 or 220 per Kg? While the raw material PET etcetera was just at Rs 65 per KG? And many, then soon started entering this business of making BOPET/BOPP film and ordered to Bruckner or Dornier (Two German companies making BOPP/BOPET lines) for their film lines, to KAMPF (Another German company) for slitter re-winders etcetera and invested heavily in to making buildings and other utilities. Again Unfortunate INDIAN Characters of jumping in to something without any foresight, examples, big people with good money jumped in to the idea of making BOPP/BOPET film.

Soon after such orders for the lines, The ban on GUTKHA Pack of plastic was announced and by that time the consortium had pushed a lot of material in to the market at very unreasonably high prices, it must be termed as almost 'LOOT' and where was the MRTPC or some other similar agency to control such 'LOOT' at that time? Since only a few lot of people was making such film which is and was used by many at large inclusive of textile makers of SURAT. Why such film, which is and was made by just a few is and not controlled by MRTPC or some other equivalent government agency? In this unfortunate motherland many claim to be consultants in the industry, they are there just to make money, have no guts to show some nice patriotism, never bring such nuisance to the knowledge of people at large.

This government and politicians and a few businessmen just and simply and coolly LOOT this nation's Public at large.

This article is a precious gift to the People of INDIA, a free Nation, A gift by a free citizen of Nation paying all and many sorts of reasonable and unreasonable taxes to the GOI. AND SO do not dare to create any controversy, the one who tries to do so shall be proved Anti-National Automatically by virtue of his/ her such act.

JAI HIND.

KAMAL SHAH, positive aggression, Ahmedabad The author is a consultants, assisting to set up new and lucrative projects

Are we patriotic Nationals? Do we love INDIA? Really?

Why must not use and totally ban plastic containers? Plastic containers for food/ tea/ water

- ñ Because the left over liquid and food attract lot of dirt and dust and get accumulated in the containers, needed a lot of water to wash, lot of labor, time and space to make them dry as well and lot of power, TO MAKE SCRAP Clean and saleable.
- ñ Rag pickers, because of all the above, do not pick such plastic containers which irresponsible so-called human units throw here and there
- ñ And so rag pickers do not get real plastic, in fact they need to pick up lot of dirt and dust which is not sold for money.
- ñ The Rag Buyers do not buy because of all the above Scrap with dirt /Dust because of weight issues.
- ñ Such low weight of plastic containers are made, people are not interested to pick it up from the grounds.
- ñ There are no lows against throwing such dirty containers or trash in open and so highly irresponsible and mostly almost illiterates throw them openly, here and there and assisting to choke up the water flow ways. Understand that migration from Villages and smaller cities to bigger cities has not added responsibilities and sense among people, Nor Indian education system ever taught social responsibility, environment and culture in & from schools. Result is people litter all kinds of trash, here & there.
- ñ Highly ignorant and irresponsible government has not made powerful laws against such act. In case people argue that the laws are there, there is total inaction to enforce such acts and laws, total ignorance on such laws if at all they exist, there are highly corrupt, states and central government people, under the shameful bribing, let lose everything everywhere.

Why Use paper cups & Containers for food and liquid items?

- ° Can be recycled 'n' number of times without deteriorating quality.
- ° Can be made from totally recycled papers.
- ° Since they come from basically Nature (Wood-fiber) get totally disposed off with time and water, do not choke water ways.
- ° Consume lesser energy when recycled.













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Brings you an International Plastics Exhibition





PLASTICS VIETNAM is the initiative of VIETNAM PLASTICS ASSOCIATION and ENTERPRISING FAIRS INDIA PRIVATE LIMITED, INDIA. Vietnam Plastics Market is one of the fastest growing markets in SOUTH EAST ASIA. At 4.2 million tonnes per annum VIETNAM market is the second largest market after Thailand in South East Asia. Besides a growing demand from the domestic market, our exports are worthy of its size. Plastics processing is raw material intensive. Besides the material cost next major element So the industry constantly is the power. needs to update and adopt efficient manufacturing practices to keep the production costs low. Higher outputs, lower operating costs are the need of the hour. Only these aspects can help VIETNAM maintain its place in the export market. Developments are also rapid in the processing machinery side. Additives and Master batches industry help in improving the performance of the materials. The Ancillary equipment industry facilitates keeping costs low. New and higher output Mould Designs help in substantial increase in the output. The printing, decorating and converting industry keeps pace with the expectations of the packaging industry and current trends. Besides all these, the recycling of plastics is a huge responsibility on the plastics industry.

Where do we get updates on all these sectors of the plastics industry? Only an EXHIBITION can act as a one source EXHIBITIONS stimulate growth. platform. help in disseminating knowledge to the processors and showcase current trends and developments in processing technology and materials. In fact, EXHIBITIONS play a strong catalytic role in the growth of the plastics industry. The popularity of K FAIR and CHINA PLAST are a testimony to the But then how many of our above fact. plastics processors visit these fairs help outside VIETNAM. A very small percentage only visits these expos. A large portion of the plastics processors don't get to visit these SO THE NEED IS to organise an exhibition by the industry for the industry at our doorsteps. Only an Association which represents the interest of the industry can understand and meet the expectations. SO VIETNAM PLASTICS ASSOCIASTION is now ready from now on to fulfil this expectation. So the birth of PLASTICS VIETNAM (www.Plastics-vietnam.in).

The first edition of PLASTICS VIETNAM, co organised by VIETNAM PLASTICS ASSOCIATION will be held IN Saigon Exhibition & Convention Centre (SECC), Ho Chi Minh City on July 23, 24 & 25, 2015. This humble beginning will see a marked growth in the future editions. Over 100 exhibitors from INDIA, CHINA, TAIWAN, SINGAPORE, KOREA, IRAN, MALAYSIA, and ITALY will show case the current developments in plastics processing and raw materials and master batches. Besides participation from international companies, a large contingent of EXHIBITORS from VIETNAM will also be participating in PLASTICS VIETNAM. This marks a significant shift and reflects the growth trend of the industry. No doubt this pioneering initiative of VIETNAM PLASTICS

ASSOCIATION (VPA) and ENTERPRISING FAIRS INDIA PVT LTD (EFIPL) (www.enterprisingfairs.in) will mark the beginning of a new industrial revolution and see larger and wider participation in the future editions

A special highlight will be participation by large Manufacturer of polymers from IRAN. Reputed manufacturers of Extruders will offer world class equipment at affordable prices. Machines for manufacturing SHEETS for making THERMOFORMED food trays and cups will be an added attraction. State of the Art Injection Moulding machines will be offered by world class manufacturers from India. New Technology to produce WOVEN SACKS &FIBC bags will be well received by the visitors. High Output machines PIPES& FITTINGS will change the profile of the product range, quality and performance.

Another unique aspect will be offerings from quite a few companies – Reprocessing and Recycling machines. These machines will handle a variety of post consumer plastics waste and increase recycling.

THEME PAVILION - WORLD OF PLASTICS

A unique THEME PAVILION ON WORLD OF PLASTICS will be best highlight of the expo. This will be a journey in to the world of plastics – the role played by plastics –everyday in every walk of life. The myths and facts about plastics, use and disposal of plastics, segregation, collection and recycling – the role of public, duties of the Government and the extended producers responsibility of the producers and associations, will be revealed in this short journey. Films on Recycling of Plastics, use of Plastics waste in laying of roads, will open the eyes of the public and other stakeholders.

In fact it will enhance the image of plastics and the indispensability in modern life and at the same time will teach how to dispose the same after use.

This theme pavilion will certainly change the

perception about plastics.

PLASTICS VIETNAM will be on for three days –JULY 23, 24 & 25, 2015 in SECC and will have the following categories of exhibitors.

Raw materials | Master batches | Processing Machinery | Ancillary Equipment | Printing & Converting Machinery | Moulds & Dies | Recycling & Reprocessing.

The organisers are also holding a pre-event named CEO Forum on 10th July at Grand Hotel Saigon, brining in over 100 CEOs and top management of the Plastics Industry of Vietnam, wherein they will be addressed by Ministry of Industry and Commerce on the "Export opportunities and strategies planned for the Polymer Industry", and a presentation Ms Prema Viswanathan Associate Editorial Director, Petrochemicals, Platts (www.platts.com) on "Asian polymers outlook as China slows", followed by a networking dinner.

There is also a **seminar** on Plastics being held in parallel at the venue - SECC by ExxonMobil (www.corporate.exxonmobil.com) **on 24**th **July** from 9 am to 1 pm and Technical staff of the various Plastics processing industry will be invited to attend.

COME, VISIT and SUPPORT VIETNAM PLASTICS ASSOCIATION – YOUR ASSOCIATION FOR YOUR NEEDS. The organisers are also planning to provide 'interpreters' services (on demand) to interact with the international exhibitors – an unique feature to help the Vietnam visitors.

To visit the expo and attend the seminar please pre-register at www.plasics-vietnam.in and for further details contact

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- Exciting lucky dip prizes Networking during tea/coffee, lunch breaks and cocktails

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Founder Chairman & MD, Uflex Ltd

Mr. D. Shivakumar Chairman and CEO. PepsiCo India

Dr. Christoph Lettowsky, Director of Research & Development, Reifenhäuser

Mr. Ashok Goel
VC & MD, Essel Propack

Mr Wim Roels CEO, Borouge Pte Ltd.

Mr. Francesco Peccetti Marketing & Communication Manager & Sales Area Manager – India & KSA, Colines

Mr. Shashank Sinha EVP Flexibles & Global Head, Huhtamaki Oyj

Mr. Ramesh Krishnamurthy **Procurement Director** Hindustan Unilever Ltd.

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