Vol.2 No. - 6 NSIC CERTIFIED CO. SMERA RATINGS LIMITED D&B Decide with Confidence Feb - March 2016 RNI No. GUJBIL/2014/61369

PLASTIC TOMORROW

Bi-monthly Plastic News Magazine

www.plasticudyog.com

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वंदे मातरम

hardik

UDEM DGA ISO 9001:2008

FRV - FRP Tanks

Now a day's FRP products use in all types of industries like engineering, electrical, construction, commercial, railway, aeroplane, automobile, bridge and underground pipelinge because of light weight material, having excellent strength, anti corrosiveness and chemical resistivity. it's great achivement by us as Micro industries we have recently manufactured FRP tank of Size : 15 mtrs. (L) x4.25 mtrs. (Dia) and Capacity 225 KL.

Manufactures of FRP, FRV, P.P-FRP, PVC - FRP

Range of Pruducts

- CHEMICAL PROCESS EQUIPMENTS
- FRV TOTE BIN WITH M.S.CAGE
- CHEMICAL STORAGE TANKS / FRP COLLING TOWER
- SCRUBBER
- FLOOR GRATINGS
- MOTOR CANOPY
- TRANSMITTER PROTECTION BOX JUNCTION BOX
- CABLE TRAYS
- FRP LINNING WORKS
- TURBINE AIR VENTILATOR
- FRP SUN SHADES
- SECTIONS / DECORATIVE SHEETS / ROOF SHEETS / DOMES / PYRAMIDS ETC,
- AND ALL THE ITEMS OF FRP, FRV, P.P, PVC ARE MANUFACTURED AS PER OUR CLIENTS DRAWING AND REQUIREMENT.

Other Products

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Email : hardikgroup_industries@yahoo.com
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AUTOMOTIVE TOOLMAKER STANDARDISES ON DELCAM'S POWERINSPECT ACROSS ALL DEVICES

Over the past five years, German automotive toolmaker Konrad Schäfer Modell und Formenbau has switched all its static and portable CMMs, as well as its hand scanners, to Delcam's PowerINSPECT inspection software. The results of standardising on a single software have included lower training expenses, greater staff flexibility and perfect CAD compatibility.

The company's roots in manufacturing models date back 110 years, originally in Muehlhausen, where Konrad Schäfer GmbH now has an additional production site. "We see ourselves as one of the leading manufacturers of design and data control models, inspection and function cubing, and control gauges for the European automotive industry," explained Jörg Große-Beilage, head of the modelmaking department, which has been based in Osnabrueck since 1962.

Additional activities include models for vehicle interiors and prototypes for vehicle lights, as well as jigs and moulds for aerospace carbon fibre composites.

Konrad Schäfer GmbH transforms customers' ideas into reality – five to ten years before they are ready for batch production – with the help of innovative approaches to prototyping, the newest CAD, CAM and metrology technologies, and a modern machine shop. Herr Große-Beilage also proudly pointed out that technical skill is still a crucial part of the organisation's philosophy, something that wouldn't be possible without motivated and well-trained staff.

At nearly every workstation, there is a CMM, either a stationary manual or CNC CMM, or a portable measuring arm. The range of measuring machines are of different ages and from Mora, Zett Mess and Stiefelmayer, while the portable arms are from FARO.

"Metrology is an important part of our core business," says Herr GroBe-Beilage, one of the reasons Konrad Schäfer GmbH continually invests in this area; not only in machines but also in staff training. "Our target continues to be that both measurement engineers and model builders know how to use our metrology systems". That was also one of the reasons why Konrad Schäfer GmbH started to convert their whole range of metrology machines to a universal software.

A wide range of solutions from different companies was reviewed as part of the selection and decision-making process, "but in the end Power INSPECT convinced us the most."

"The decision to purchase Power INSPECT was absolutely spot on, even from today's perspective," says Herr GroBe-Beilage. On one hand this is because of the good CAD compatibility. Components in all CAD file formats can be inspected with Power INSPECT, something that was particularly important for Konrad Schäfer GmbH.

In addition to the extensive feature set and the support from Delcam, the user-friendly interface was a key factor for Herr GroBe-Beilage and his team. The CAD File Manager in Power INSPECT is just one example; this makes it easy to manage component groups. The decision was also easy because Power INSPECT offered by far the best price-performance ratio.

Konrad Schäfer GmbH currently uses 16 licenses of Power INSPECT, which have been purchased progressively. At the start, in 2009, the company purchased two licenses and contracted to buy four additional licenses in each subsequent year.

Portable coordinate metrology is becoming increasingly popular at Konrad Schäfer GmbH. Five Faro Gauge arms are already used, all supported by Power INSPECT. "Manual measuring arms have the advantage that I can measure quicker than with a stationary measuring machine because I can just measure one zero point and then inspect everything else from top to bottom without adjusting anything," explained Herr GroBe-Beilage. "But because I'm limited by the part size, the movable stand measuring machine is definitely better suited to a whole car".

Christian Wollbrick, a metrologist who works daily with the software, confirmed that PowerINSPECT's ease-of-use means that even untrained staff can get started immediately. "Elements can be interactively selected in the CAD view, for

example," he said. "This makes inspection programming significantly easier and quicker, something that is really useful when you just work with the system from time-to-time."

Moreover, the ability to define a critical measurement point in advance and to be led to that point by Power INSPECT during the measurement is very valuable. "This is particularly beneficial with hand-held devices, as it guarantees consistent and repeatable measurements."

Work on inspection cubes depends on being able to work as flexibly as possible, yet at the same time in a reproducible way with a three-axis CMM. "Test cubes are reference models that simulate the body in white. Subsequent parts that occur in different car types can be built in or attached to them," explained Herr GroBe-Beilage. "So you can test in advance, whether they truly fit or check that there are no interfering edges and also if joints and radii are correct. Every manufacturer has different reporting standards but we can implement them really quickly with Power INSPECT."

www.delcam.in

Courtesy

Dr. Jack Truong to join Husky as President and Chief Operating Officer

Husky Injection Molding Systems, the world's largest brand name supplier of injection molding equipment and services, today announces the appointment of Dr. Jack Truong as President and Chief Operating Officer, effective February 1, 2016. Dr. Truong was previously the President and CEO of Electrolux North America and Executive Vice President, AB Electrolux Group.

"This is an exciting day for Husky," said John Galt, Chief Executive Officer. "Jack's global multisector experience and history of delivering strong growth in a challenging environment are key attributes for this role. As we look to the future, Jack's demonstrated ability to anticipate global market trends will be important to supporting our long-term growth objectives."

This appointment builds on the diverse skill set of Husky's experienced global leadership team. In his role, Dr. Truong will have full oversight for the day-to-day operations of the business, and leadership responsibility for executing on Husky's strategy and priorities.

"Having spent much of my career in the consumer products sector, I am familiar with the role packaging plays in influencing purchasing decisions," said Dr. Truong. "What I admire about Husky, and what excites me about joining the organization is Husky's strong global brand and commitment to innovation and quality. Husky understands that products from their systems make their way into the hands of millions of consumers, worldwide, every day. Looking for new ways to produce cost-effective, high quality parts that are both attractive and safe for the end consumer is a great way to spend each day."

Prior to Electrolux, Dr. Truong enjoyed a successful 22 year career at 3M where he held senior leadership roles throughout the U.S., Europe, and Asia-Pacific. Dr. Truong holds a Ph.D. in Chemical Engineering from the Rensselaer Polytechnic Institute in Troy, New York.

www.husky.co

Courtesy

KLUS Design Announces New LED Lighting Extrusion

When it comes to integrating LED lighting into the home or office, there are none who do it better than KLUS Design. KLUS is a leading worldwide manufacturer of LED lighting extrusions and LED components.

An LED extrusion is a component system that allows flexible LED strips to be integrated or installed into everyday living spaces. KLUS LED extrusions are made from double-anodized aluminum, using the highest quality manufacturing standards. KLUS has recently announced the latest addition to their product line up – the TE-4 KPL LED mounting track.

The TE-4 KPL mounting track is used to build precise grooves in the surfaces of walls and drywall ceilings in order to fit lighting fixtures made with the KLUS PDS4-ALU and PDS4-K extrusions. The wide flange of the TE-4 mounting track is designed to be covered in standard materials for joining and finishing drywall surfaces.

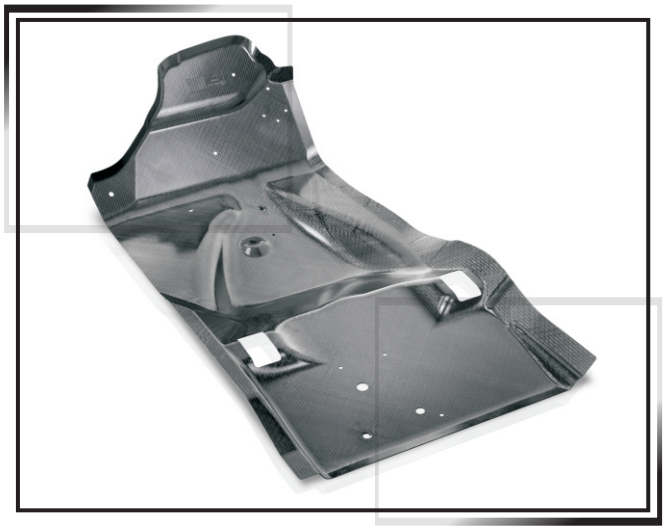
PDS4-ALU and PDS4-K are mounted by snapping into the TE-4 KPL This allows easy installation of lighting fixtures and non-invasive removal of fixtures for service purposes. Mounting: The TE-4 KPL mounting track can be mounted in pre made slots of drywall structures using gypsum adhesive or mounting adhesive.

The end result is a seamlessly integrated LED lighting fixture that is bright, beautiful, and functional.

www.klusdesign.com

Courtesy

CFRP COMPONENTS IN INCREASINGLY SHORTER CYCLE TIMES



- KraussMaffei is presenting groundbreaking composite solutions at the JEC World in Paris

- Wet molding as the cost-effective alternative to the HP-RTM (high-pressure RTM) process

At the JEC World Composites Show & Conferences (March 8 - 10, 2016) in Paris, KraussMaffei (Pavilion 6, Booth A38) is presenting groundbreaking solutions for manufacturing fiber-reinforced plastic components based on both thermoset and thermoplastic matrix systems. Thanks to the wide-ranging expertise in the areas of reaction and injection molding technology, KraussMaffei provides technologies and systems from a single source as the leading provider on the market .

Development focuses primarily on creating processes and systems that can be used to manufacture lightweight components in large series production, for which there is great demand in vehicle construction. "We will demonstrate our expertise at JEC in many up-to-date application examples. In doing so, we will prove that we offer our customers the right process for optimized production for all corresponding component requirements," emphasizes Erich Fries, Manager of the Composites/Surfaces business unit at KraussMaffei .

Wet-embedded fibers

One of these groundbreaking technologies for manufacturing high-performance components based on carbon-fiber reinforced plastic (CFRP) is called wet molding, also known as wet pressing. In comparison to classic RTM processes (resin transfer molding) like HP-RTM (high-pressure RTM) and C-RTM (compression RTM), wet molding is characterized by a simpler process chain in which the preform process is omitted completely. For this reason, wet molding is a cost-effective alternative for manufacturing new lightweight components in vehicle manufacturing.

During the wet molding process, a mixing head applies the resin (usually epoxy resin) onto the flat-lying semi-finished fiber product in continuous strips. The fiber product is then passed on to the mold, where it is compression molded. This process has two decisive advantages. It saves valuable cycle time, because the resin can be applied to one component at the same time that the other is curing in the mold. The system can also be more reactive. Charging is no longer necessary in the heated mold, in which a reaction cannot yet occur. These two factors save time, leading to shorter cycle times. It is also possible to use recycled fibers. This makes wet molding an excellent option for industrial processing of recycled fibers in the RTM process.

Krauss Maffei wet molding lines are also characterized by a high degree of automation, ensuring short cycle times and high numbers of pieces. At JEC World in Paris, Krauss Maffei is presenting current application examples from the mass production of the new 7 series BMW and the i8 electric car.

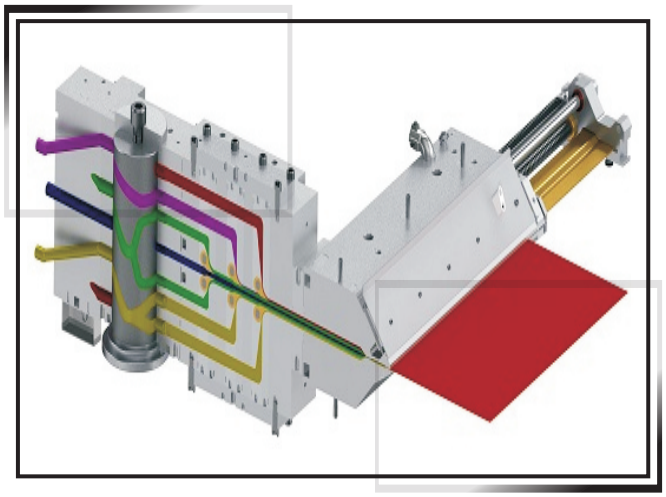
Thermoplastic lightweight construction

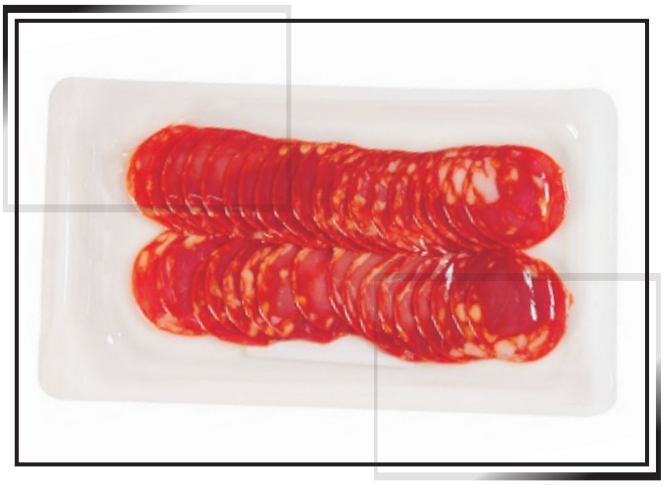
KraussMaffei is presenting exciting applications in the thermoplastic lightweight construction area with FiberForm technology. The process developed by KraussMaffei combines the thermoforming of semi-finished products, called organic sheets, and injection molding in one process. The strength level of fiber-reinforced plastic components is increased through this procedure. The fully automated process enables short cycle times of less than 60 seconds and, therefore, production processes that are ready for large series. Using an airbag housing from Takata as an example, KraussMaffei has further developed the process in multiple steps, resulting in a weight reduction of around half, compared to the first reference component, as well as a reduction of cycle times and manufacturing costs. This was possible for many reasons, including switching from polyamide to polypropylene as a material for the organic sheet matrix and injection molding as well as switching from short glass fiber to long glass fiber reinforcement.

www.kraussmaffei.com

Courtesy

Flow Control and Versatility of Coextrusion Die System Enhances PET Packaging Firm´s Capabilities for Multiple Barrier Structures





Nordson EDI Die System Enables Evertis de México to Maintain Tight Tolerances and Avoid Instability Even When Running Complex or Asymmetrical Configurations

A coextrusion die system from Nordson Corporation has enabled an extrusion processor specializing in PET-based semi-rigid packaging sheet to maintain layer uniformity well within tolerances while avoiding product defects arising from asymmetrical layer structures.

Evertis de México S.A. de C.V., a manufacturer of thermoformable sheet for food packaging such as poultry, cheese, and processed meat, as well as non-food applications, recently installed a Nordson EDI coextrusion die system for producing a range of structures. These include standard multi-layer, medium-barrier, and high-barrier sheet with thicknesses from 180 to 1,016 µ (0.180 to 1.016 mm). The barrier sheet structures are often asymmetrical, in that the materials or layer thicknesses above the central layer differ from those below it. The precision flow control of the Nordson EDI system has made it possible to maintain tight layer tolerances in such structures while preventing "wave," "zig-zag" and other defects caused by instabilities at the interface between layers.

"At Evertis we strive to improve our production methods and consistently supply high quality products," said Aprigio Pinto, director of production at Evertis de México. "We work with avant-garde equipment suppliers whom we know we can count on for excellent customer service and assistance. This philosophy is crucial to Evertis de México, given our continuous growth in the markets we serve."

"The immediate responses by the technical support team at Nordson means that Evertis de México is guaranteed high quality equipment and service at a competitive price in the market," said Jacques Tillet, director of maintenance at Evertis de México. "At Evertis we produce semi-rigid barrier PET sheet for food and non-food applications, and it is essential that we maintain layer uniformity within tolerances at all times. The Nordson EDI die system allows us to control layer interfaces, and thereby avoid product defects such as waves. With this system in place we feel confident that our customers will receive high-quality products every time."

Meeting the Challenges Posed by Asymmetrical Multi-Layer Structures

"Because critical layer interfaces are shifted into higher shear regions of the flow paths, coextrusion instabilities are more common with structures that are asymmetrical," said Nordson EDI chief technologist Sam G. Iuliano. "Our die system yields streamlined melt streams and fine-tunes them at the point of confluence. In addition, the ease with which adjustments can be made enables the system to be quite versatile in both layer configuration and product width." Chief among the components of the Nordson EDI die system used by Evertis de México are the following:

Ultraflex™ die with Multiflow™ II-G manifold and internal deckle. Nordson has engineered the manifold, or flow channel, inside the die to reduce shear stress levels at the layer interfaces, resulting in improved layer uniformity. At the same time, the sections of the manifold at each end of the die are sized to accommodate adjustable internal deckles for making changes to product width.

Flow Control and Versatility of Coextrusion Die System Enhances PET Packaging Firm´s Capabilities for Multiple Barrier Structures

Ultraflow™ V-S adjustable feedblock. A feedblock combines melt streams from separate extruders into a multi-layer "sandwich" that the extrusion die subsequently distributes to target product width. The Ultraflow V-S feedblock incorporates adjustable "combining planes" located where the melt streams join the central flow channel. These make it possible to balance the velocities of the combining streams. When operating in "free-float" mode, they automatically compensate for the changes in layer thickness ratios that accompany product structure changes. Adjustments can be made without taking the feedblock off-line, increasing up-time and end-product versatility. Another adjustment that can be carried out on-line is use of a selector spool that makes it possible to change layer sequences in the structure.

www.nordson.com

Courtesy

THE FUTURE IN BLOW MOLDING AND IN-MOLD LABELING AUTOMATION IS ALREADY AVAILABLE TO YOU FROM R&D MOLDERS, INC.!

The future has already arrived at R&D Molders! We're proud to announce that we've installed our 15th blow molding machine and automated production line at our facility in Georgetown, Texas. The blow molding machine is a New 2015 Bekum 155 with custom servo driven in-mold label (IML) capabilities and a variety of downstream automation equipment. Bekum machines are known as "the workhorses of the blow molding industry," and have been solid machines to assist as our blow molding business continues to grow. Downstream from the blow molding machine is an automated assembly line including the following equipment:

- 100% leak detection
- 100% vision system
- Automatic Flaming
- Automatic Filling
- Robotic Pick and Place system
- Automatic Spin welding station

Right now, we're using the new automated production line and Bekum 155 blow molding machine to build up inventory in anticipation of launching the product this Spring. Without disclosing the name of our customer, we can tell you that the company is known for consumer products with extreme durability and the highest quality possible with all of their product lines, and we're proud to be teaming up with them for this project.

This project includes the production of multiple injection-molded plastic components, in addition to the blow molded plastic Enclosure. What's great and special about this particular program is that we're able to incorporate and apply the skills and experience of R&D Molders' 3 core business units in this project:

- Tooling and Prototyping
- Injection molding
- Blow molding

Overall, the ability to turn-key this project under one roof at R&D Molders provides our Customer with the advantages of a streamlined manufacturing process and supply chain.

www.rdmolders.com

Courtesy

SFS strengthens competence in micro injection moulding for medical industry

The SFS Group acquires Stamm AG and thereby strengthens its technology competence in the field of micro injection moulding. Stamm AG is a preferred development and manufacturing partner, supplying leading companies in the medical component as well as in other industries.

SFS Group AG acquires Stamm AG in Hallau (Switzerland) as a means of securing the continuation of the company. It produces high-precision plastic injection moulds in the technical small and micro range for a number of sophisticated applications. With this acquisition, the Industrial division (Engineered Components segment) strengthens and supplements its competence in the field of micro injection moulding. Stamm AG is a preferred developer and manufacturer in this field and pursues a very similar business model to the SFS Group. Stamm AG's customer portfolio largely complements that of SFS and thereby provides extended access to first-class companies in the medical component and other industries for the Industrial division.

Stamm AG was founded in 1947 and, with a workforce of 60, achieved sales of approx. CHF 15 million in 2015. The SFS Group intends to strengthen and further develop the existing facility as a competence centre, in particular for applications in the medical components industry. By adding the company to SFS Group, its customers gain access to the range of services and the know-how provided by SFS. It was agreed to keep the purchase price confidential.

www.sfs.biz

Statement about ownership & other Particulars about news paper PLASTIC TOMORROW to be published in the first issue of every year after the last day of February

1. Place Of Publication :- 303/ Sun Silk Appartment,B/h. Dinesh Mill Patel Colony,Vadodara-390007. Gujarat India.
2. Periodcity of its publication :- Bi-Monthly.
3. Printer Name :- Dinesh Jivanlal Shah
   Nationality :- Indian
   Address :- 303/ Sun Silk Appartment,B/h. Dinesh Mill Patel Colony,Vadodara-390007. Gujarat India.
4. Publisher's Name :- Dinesh Jivanlal Shah
   Nationality :- Indian
   Address :- 303/ Sun Silk Appartment,B/h. Dinesh 303Mill Patel Colony,Vadodara- 390007 Gujarat India.
5. Editor's Name :- Dinesh Jivanlal. Shah
   Nationality :- Indian
   Address :-303 / Sun Silk Appartment,B/h. Dinesh 303Mill Patel Colony,Vadodara- 390007 Gujarat India.
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Dinesh Shah
Signature of Publisher

Date :- 28-02-2016

20% INCREASE FOR SIDEL'S ASEPTIC DRY PREFORM DECONTAMINATION TECHNOLOGY
INDUSTRY LEADING PREDIS ASEPTIC TECHNOLOGY NOW AVAILABLE FOR SIDEL MATRIX PLATFORM

Sidel has announced that its dry preform decontamination technology - Predis™ - is now available for the company's latest generation of modular Sidel Matrix™ blowing and Combi equipment. This combines the high level of process flexibility required by beverage producers with the reliability, environmental and cost benefits associated with a technology that has become the industry standard in aseptic production operations.

More natural and healthier drinks in PET

Worldwide, consumers are becoming increasingly health-conscious and moving towards drinks with a more natural taste. This has brought a focus from beverage producers on filling methods that protect the quality, taste and vitamin content - without using preservatives or additives. The main drinks currently driving the global growth of the beverage industry are those known as 'sensitive' products, including juices, nectars, soft drinks, isotonics, teas and liquid dairy products, which are expected to grow by a further 6% by 2016.

PET is already the material of choice for this beverage segment and continues to contribute to its growth. Its increasing usage is due to its 100% recyclability, excellent barrier material properties that can extend shelf life, bottle design freedom, lightweighting potential and the greater brand recognition possibilities offered by the package transparency. Sidel has been working in providing aseptic PET packaging solutions for more than 30 years, ensuring the pre-requisite of product safety, integrity and quality.

Predis - the industry standard - now available on Sidel Matrix equipment

Since its launch over 15 years ago, the Sidel Predis dry preform decontamination technology has become the beverage industry standard in aseptic production. Sidel was the first company to recognise that it was simpler and safer to decontaminate the preform rather than the bottle.

Supplied predominantly in a Combi configuration, Sidel's proven Predis technology is now used by many major beverage and dairy companies, with more than 90 production lines equipped around the world. Interest continues to grow, with the popularity of Predis set to increase further with the announcement that it is now available in a configuration compatible with the latest generation of Sidel Matrix equipment.

The objective is to take the benefits of all the innovative technologies in the Sidel Matrix blower - increased production output, consumption reduction, hygienic design and a wider portfolio range - and extend those benefits even further by standardising the new Predis solution for all Sidel Matrix blowers. No specific adaptation was required to connect it with the aseptic filling function because the mechanical interface remains unchanged.

A more competitive aseptic portfolio range

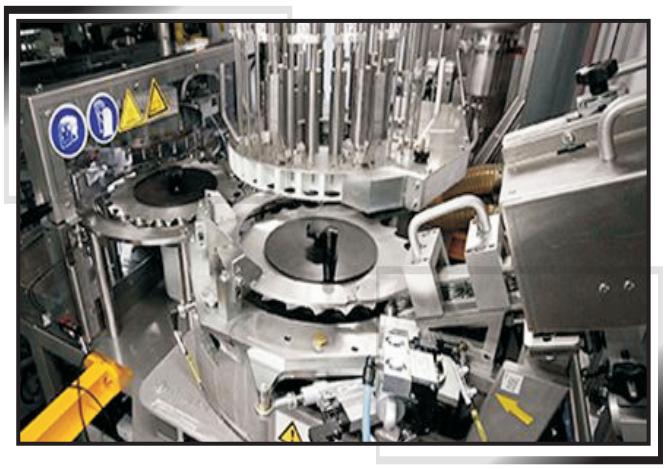
The Combi configuration for Predis includes preform decontamination, blowing, filling and capping in one unique and safe environment. Sidel Matrix Predis will be available for production of up to 60,000 bottles per hour (bph), representing an increase in output of 20% compared to when Predis is integrated with the previous Sidel blower generation. This provides a Combi for high speed production, as the proven aseptic filling range also offers a capacity of up to 60,000 bph for on-the-go 0.5 litre bottles.

The Sidel Matrix Combi Predis FMa is more competitive for the same number of blow moulding stations as the output is higher per mould - up to 2,300 bottles per mould per hour. The electrical stretching included in the Sidel Matrix blowing station allows simple, fast and safe changeover with limited manual intervention. This expands the flexibility for beverages producers to handle a wide variety of sensitive beverages aseptically, whatever the recipe or bottle format, ranging from 0.2 to 2 litres at high running outputs of up to 2,300 bottles per mould per hour.

20% INCREASE FOR SIDEL'S ASEPTIC DRY PREFORM DECONTAMINATION TECHNOLOGY INDUSTRY LEADING PREDIS ASEPTIC TECHNOLOGY NOW AVAILABLE FOR SIDEL MATRIX PLATFORM

Always simpler and safer

Matrix Predis 2Sidel Matrix equipment delivers a high level of safety and consistency down the complete line. It is based on a hygienic concept, fully compliant with hygienic design standards (European Hygienic Engineering & Design Group: EHEDG) and beverage industry regulations. The simplified Sidel Matrix Predis design, with fewer transfer wheels, is more compact and more accessible for easier production and maintenance operations. The decontamination of the surfaces of the transfer wheel is now automatic, further reducing manual interventions in the machine. Only the relevant parts have been retained in the blowing area to improve production environment safety. The oven is equipped with new more powerful UV lamps for external preform decontamination, adapted to higher output production. The air management in the oven has also been improved.



Saving time, money and resources

Compared to traditional aseptic filling systems, the new Sidel Matrix Combi Predis FMa gives producers both the benefits of cost-efficiency and an improved environmental footprint. This ensures full preform sterilisation with no water and using just a minimal amount of chemicals.

The Sidel Matrix Ecoven requires fewer heating modules and lamps, yet reduces preform-heating time and cuts electrical consumption by up to 45% compared to Sidel's previous generation of equipment. In addition, the Combi Predis FMa optimises production simplicity by requiring only one operator, which can also reduce operating costs by up to 30% compared with standalone equipment.

A new record in continuous aseptic production

Alongside developing industry-leading innovative aseptic technology, Sidel has also focused on ensuring that its aseptic equipment is reliable and efficient in daily use. The Combi Predis FMa is designed to offer a continuous production run of 165 hours between two cleaning and sterilising cycles - the longest continuous production time of any aseptic equipment.

This new record of extended production run gives producers the highest aseptic bottling uptime available on the beverage market today. This allows them to achieve higher production levels for bottling of both high and low acidity products. By requiring fewer cleaning and sterilisation cycles, the components are also subjected to less stress, thereby giving them a longer lifespan with less maintenance.

Industry experts are predicting that sensitive products will be the main drivers of growth in the beverage industry in years to come. PET is expected to play a large role in the production of these products with its flexible properties and excellent safety profile. With all the innovations of the Sidel Matrix blower generation, plus the continuous technical improvements on the dry preform decontamination solution in recent years, the new Sidel Matrix Combi Predis FMa offers the beverage industry the fastest aseptic solution with dry preform decontamination on the market. It also provides the best TCO (total cost of ownership), without compromising on its simplicity or on the food safety it ensures.

www.sidel.com

Courtesy

JIAHAO® PVC FOMAED BOARD AND WOOD+PVC SOLID BOARD JIAHAO®

5 to 30 mm thick and 1220 to 1830 mm wide.

PVC Foamed Board

Wood Plus PVC Solid Board

With us, the Advantages Are:

1)Extrusion line use PLC Computer Control which is much easier to operate and saves labor.

2) Motor: Siemens Inverter: ABB Contactor: Siemens

Clear width of the Board in mm	1220	Total initial project cost assumed at	4 Cr.
Scope of products	PVC & Wood +Plastic	Working capital needed at	0.94 Cr.
Kg/ Hour	350	Material cost Plus conversion cost for 0.45 GCC material 18 mm thick and one sq foot Rs	59.19
Density gcc	0.45 to 0.8	This is sold in the market at Rs / per Sq Feet	80
Thickness in mm	5 to 33 Even 35 possible	Profit per Sq Foot	20.81

વિચારોઃ
અહીંઆપણાદેશમાંવેચાણ પછી સાંભળનાર કોઇ છે કેફક્તખાલી મોટાંવાયદાઅને પ્રદર્શનમાંફક્ત મોટાં સ્ટોલ લઇને બેસીગયેલાં છાપેલાં કાટલાં માત્ર છે? કહેવાતી મોટી અથવાંઅહીંનીભારતીયહોવાનોદાવોકરતી કંપનીઓ થી સવધાન, એમના ભૂતકાળ ખરાબ છે.

અહીંવેચાણ પછી સાંભળનાર છે?, વેચાણ પછી સ્પેઅર પાર્ટસ માટે શું?

JIAHAO®

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ચાઇનાપ્લાસએપ્રિલ- 2016 માંઅમારી સાથે ચાલો. ચઇનાનોઅમારો બહોળો અનુભવ છે.
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CONTENTS

BUSINESS NEWS.

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ADVERTISEMENT DETAIL.

Faurecia wins JEC World 2016 Innovation Award for manufacturing process of composite parts

Faurecia has won the **JEC World 2016 Innovation Award** for its "one-shot" manufacturing process for visible composite parts; the approach combines structure and aspect in a single part. The technology makes it possible to insert a pre-heated thermoplastic composite reinforcement into the injection mold and secure it in a stable position. The efficient process was demonstrated on a plastic tailgate with a pre-impregnated (prepreg) glass fiber reinforcement and is particularly suited to tailgates, lower tailgates and semi-structural parts. The main benefits of this process are improvements in weight, quality, cost and cycle times.

Faurecia has earmarked composites as a key enabler for vehicle lightweighting and is concentrating its R&D efforts in two directions: developing affordable carbon fiber and reaching automotive industry cycle times of one part per minute.

The "one-shot" project, led by Faurecia's Franco-German R&D teams, started in 2014. It is designed to produce visible and non-visible automotive parts based on three key goals:

- cutting, heating and installing the inserts for the flexible composite reinforcements (glass, carbon or natural fiber) in the injection mold;
- holding the reinforcement in position during injection;
- injecting via a process that ensures the inserts hold their shape and position.

The process took 3,000 man hours to develop and draws on the full range of Faurecia engineering and innovation expertise in design, laboratory, CAE, materials, simulation, validation and production.

"The originality of the 'one-shot' process lies in combining shaping and injection stages in a single step, primarily to obtain a net shape part that requires no further modification to alter its appearance. The process also delivers properties compatible with automaker specifications for semi-structural parts through the use of reinforcements made from thermoplastic composite fibers, which are known for their mechanical and lightweight properties," says Jacques Hoffner, Vice President R&D and Innovation at Faurecia Automotive Exteriors.

Following validation on a semi-automated pilot line indicative of mass-production cycles, the process successfully completed the different validation stages, involving torsion resistance, ability to withstand extreme temperatures (-30°C to +85°C) and durability (50,000 opening-closing cycles). The innovative approach can produce a standard tailgate that is around 30% lighter than a steel equivalent and is 100% recyclable (including polypropylene and glass fibers).

Faurecia will be in a position to offer the new solution in response to customer consultations for tailgates, trunk lids, seat cushions and other semi-structural parts in the second half of 2016. Mass-production on an industrial scale is scheduled for the first half of 2018.

The selection criteria for the JEC Innovation Awards include technical excellence, exemplarity of the chain of partners, market potential and originality. Faurecia will receive the award on March 8, 2016, at the JEC World 2016 trade show, held at the Paris Nord Villepinte Exhibition Center from March 8 to 10, 2016.

Last year, Faurecia won the JEC Europe 2015 Innovation Award in the semi-products category with Flaxpreg™, a lightweight composite sandwich reinforced with long flax fibers.

Pictures available upon request.

About Faurecia

Faurecia is one of the world's largest automotive equipment suppliers with four key Business Groups: Automotive Seating, Emissions Control Technologies, Interior Systems and Automotive Exteriors. In 2015, the Group posted total sales of €20.7 billion. At December 31, 2015, Faurecia employed 103,000 people in 34 countries at 330 sites and 30 R&D centers. Faurecia is listed on the NYSE Euronext Paris stock exchange and trades in the U.S. over-the-counter (OTC) market.

For more information, visit: **www.faurecia.com**

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Courtesy

Name of The Exhibition	Place	Date of the Exhibition.
Plastware Expo	Mumbai (Goregaon)	19 to 21 February 2016
Plastivision Arabia 2016	Expo Centre Sharjah U.A.E.	22 TO 25 February 2016
Plast Asia-2016	Pragati Maidan Delhi	4 to 6th March-2016
P 4 EXPO	Nodia,	5 to 8 April 2016
Diemould	Bangalore Exhibition Centre	6th to 9th April-2016
Plasto Pune	Pune	14th to 17th April-2016
Chinaplas2016	Shanghai,PR China	25 to 28 April-2016
Expo Plast	Peru-2016,Lima Peru	3 to 6 may 2016
Plastech	Turkey	4 to 7, MAY 2016
Compack Myanmar	Yangon-Myanmar	8 to 10 June-2016
Kenya Plast	KICC-NAIROBI-KENYA	8 TO 10TH JUNE-2016
Plastic Myanmar	Yangon-Myanmar	8 to 10th June-2016
2016 Myanmar International	Myanmar Event Park (MEP)	15 to 18th July-2016
Sri Lanka Plast	BMCHI-Colombo-Sri Lanka	5 to 7 August-2016
Compack Srilanka	Colombo, Srilank	5 to 7 August 2016
10th Plastivision-2017	Exhibition Centre 9Mumbai)	19 to 23rd January-2017
Plastic Vietnam-2017	International Plastics Exhibition	22 to 24 February-2017
Compack Vietnam	Ho Chi Minhcity,Vietnam	22 to 24 February 2017

STARTING A PLASTIC RECYCLING BUSINESS

Sanat Shah

Before even thinking to go into the business, be absolutely positive about scraps sources that need to be affordable, reliable and in a quantity equal or in excess of 150% of your needing.

Knowing the source of scraps, you should get data about thickness, quantity and quality of contamination, the form of packaging, if scraps will be dry or wet and whatever else to make in position your machinery supplier to give you what you need and not expensive and/or useless machinery.

You'll be dealing with dirt, therefore try to find a building location where the dirt and noise don't bother anybody, with lot of energy available for present and future needs and, if possible, to a connection with a water treatment system of some sort, simply because washing line will remove dirt from plastic and this dirt doesn't disappear but goes into water.

Again, because you'll be dealing with dirt, take in serious consideration downtime due to regular maintenance, because you're going to get a lot of wearing, doesn't matter what you do.

This to tell you to take it seriously, run your numbers on paper carefully, taking everything into consideration and then, cut it by half. If this number still looks good, go ahead and do it.

Plastic scraps recycling

As you may already know, plastics are not compatible with contaminations. So you better be prepared to deal not only with contaminations like paper, stones and other dirt but, even more difficult, with other plastic that, if different from the one you're dealing with, has to be considered contamination as well.

Some plastics accept a little % of other types, some other don't even accept PPM of other plastics. Some seems to be compatible, meaning they stay together, but this unfortunately, doesn't automatically means they are together.

Here below are listed the most common plastics we are using everyday, therefore the most common, but there are out there hundreds of different engineering plastics, special compounds, plastics filled with minerals, with metal powders and whatever else you can think about.

So be sure your plastic recycling system can recognize and get rid of not only "non plastic" contamination but also what's not the kind of plastic you're dealing with and take it apart as well.

Always talking about other plastics contamination, sometimes it is easy to have them automatically separated but, most of the time, you need to provide for sorting before going into washing line.

Like anything else, this cost money but, without it, it may cost more because quality of your final product will be low, lower than expected or not good at all.

Many things should be taken under consideration while starting recycling. The most common questions are:

- Is this a thermoplastic?
- Which one?
- Is it only one kind of plastic?
- If more than one, are they compatible?
- Is this font of scraps constant and reliable?
- How much this scrap costs?
- Which is the market for the finished product?
- How much can I sell the finished product for?

Most items are marked with standard codes internationally recognized:

Type 1	PET	Polyethylene Terephtalate
Type 2	HDPE	High Density PolyEthylene
Type 3	V/PVC	Vinil / PolyVinil Chloride
Type 4	LDPE	Low Density PolyEthylene
Type 5	PP	PolyPropylene
Type 6	PS	Polystyrene
Type 7	OTHER	Multi Layers or Mix Plastics

First question is because there are two main groups of plastics:

The most common are thermoplastics that mean that they get melted with temperature and therefore shaped in any form, re-melted for some other purposes and so on.

The other kind is thermosets that are chemically compounded and after molding are not sensible to temperature any more. Of course, for recycling purposes, only thermoplastics should be taken into consideration.

Second question is because there are a lot of thermoplastic materials around, and most of them are not compatible with each other therefore to find out what it is, is just fundamental.

STARTING A PLASTIC RECYCLING BUSINESS

You need to be sure the (scrap) material you have is only one kind. In other words, especially in packaging, manufacturers can add some other material (to create barrier, to reinforce it or something else) so your product should be treated in a different way than normal recycling and this may mean some more expenses and/or lower quality product as result.

If material is layered with other thermoplastics, you need to be sure they are full compatible with main layer so the final result will be the one you are expecting.

Most material can incorporate few percent of some other without troubles, other can be mixed losing only a little bit of strength or mechanical properties while some other just don't stay together.

For a "new comer" it is very important to understand which kind of scrap you will be dealing with, if it is, and it will be, constant as far as quality and price, and, just in case, to locate a second or more supplier of the same material.

The cost of the scrap isn't normally very important; of course, this means you should pay the market price and not more and not be afraid if price will go up. If it will, it means you can sell your final product for more and normally the price gap will be in your favor.

Another very important matter in the recycling business, is to somehow test your final product before deliver it so, in case of any objection, you can prove what it was, the way it was and all this good things.

Just remember that when market is low, your material will be too soft, too humid, too dark and too something else (according to your customer fantasy).

When market is receptive, you can deliver anything, it will run perfectly.

To run your numbers, of course, you should know what the average price of your product is; but because raw material prices, plastics included, can vary quite a lot, go back to price history and take the average price of the last, at least, three years, and see what you get; by the way:

Good Luck !

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POLYMER BAZAAR: DAILY REPORT

16 March 2016

The Single Platform For Polymer's News & Business

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Next Expected Polymer rate revision: week 3rd March 2016.

Looking to current scenario ,Higher international offers,increased feedstock values will lead Indian Polymer producers To hike price of polymer.Reason cited for expected hike is widen delta between landing cost of Imports & prevailing domestic company prices.

✔**PP/ HDPE: May rise by Rs.1.5 - 2/kg**
✔**LLDPE / LDPE : May increase by Rs.2 - 3/kg**
✔**PVC: May rise by Re.1 - 1.5/kg**
✔**PET : May up by Rs.1.5 - 2.5/kg**

PURCHASE OPINION: Polymer buying is suggested at company rate.

(Predictions are given based on our study / research monitoring current scenario of affecting factors .Predictions figure may vary if any of affecting factor fluctuates marginally.Subscribers are requested to consider their personal influence also)

➡ Market News:

➡New Petrochemical plant at Iran .MOU between NPC & Total to co-launch

Iran's National Petrochemical Company (NPC) and the French energy giant Total have signed a memorandum of understanding to jointly build a petrochemical complex in Iran.

The MoU was signed during the visit of a high-profile delegation from Total to Iran last week.

By virtue of the deal, Total will conduct the groundbreaking work, including the assessment designs and studies for the joint venture.

The complex will include a steam-cracker unit that will be built in the coastal regions based on the world's latest standards to be fed by ethane, naphtha, liquefied petroleum gas (LPG) and other liquid feedstock.

The joint venture aims to supply petrochemical products to the domestic and the international Bazaar.

➡ Crude Oil Scenario:

Oil futures paused in early Asia trading Monday, near their highs of the year following a report from the International Energy Agency that said prices had bottomed.

May Brent crude on London's ICE Futures exchange added six cents to $40.45 a barrel.On the New York Mercantile Exchange, light, sweet crude futures for delivery in April slipped nine cents to $38.41 a barrel in the Globex electronic session.

IEA said the Organization of the Petroleum Exporting Countries had reduced output by 90,000 barrels a day due to supply outages in Iraq, Nigeria and the United Arab Emirates. Saudi Arabia, Russia, Qatar and Venezuela said last month they would be open to a supply freeze at January levels, though Iran has balked at such a deal.

Iran's oil minister said the country wouldn't join a production freeze until its own output rose to 4 million barrels a day.Some analysts say oil prices may have found a new equilibrium after their recent rally. U.S.-traded crude is likely to be capped in the "low-to-mid 40s," according to analysts at Morgan Stanley.

The international crude oil price of Indian Basket as computed/published today by Petroleum Planning and Analysis Cell (PPAC) under the Ministry of Petroleum and Natural Gas was US$ 37.33 per barrel (bbl) on 11.03.2016. This was higher than the price of US$ 37.01 per bbl on previous publishing day of 10.03.2016.

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

➡ Latest International Offers for Indian market:PET ($/mt)

GRADE: (IV.80)/ (IV.76)/ (IV.84)
For 40% Advance and Balance 60% DP at sight, Price: $ 920/mt
For 90 Days LC ,Price: $ 940/MT
For 120 Days LC ,Price: $ 950/MT
Delivery:CIF NHAVA SHEVA/CHENNAI/VIZAG.

➡ Hanwha Chemical,S.Korean polymer mfgr,offered its EVA material for Indian bazaar.

✔Grade: 1316 at $ 1470/mt ,Shipment: CIF Nhava sheva,LC at sight basic duty 0%.
✔Shipment : Early April 2016 delivery,

Polymer mfgr from Middle East offered its HDPE material for Indian Bazaar.

✔HDPE Film @ @1220/mt
✔LDPE Film @1250/mt
✔LLDPE Film @1220/mt
✔Delivery: CIF Nhava Sheva, End of Mar'16

Grade (Application)	CIF Nhava Sheva:($ /mt)					Trend	*Landing rate(NS,Mumbai)				Last week
Poly Propylene:P.P	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
Raffia (Homo Polymer)	$	945	To	$	955	Up	Rs.	84060	To	84928	(+ 20)
Injection moulding , (Homo polymer,11 M.F.I.)	$	945	To	$	955	Up	Rs.	84060	To	84928	(+ 20)
Film (Tubular quench-T.Q.) , (Homo polymer)	$	950	To	$	960	Up	Rs.	84494	To	85363	(+ 15)
B.O.P.P.	$	960	To	$	970	Up	Rs.	85363	To	86231	(+ 15)
Impact Co-Polymer (I.C.P or P.P.C.P.)	$	990	To	$	1000	Up	Rs.	87968	To	88836	(+ 30)
Random Co-Polymer ,(R.C.P.)	$	990	To	$	1000	Up	Rs.	87968	To	88836	(+ 30)
Grade (Application)	CIF Nhava Sheva:($ /mt)					Trend	*Landing rate(NS,Mumbai)				Last week
High Density Poly Ethylene: H.D.P.E.	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
Raffia	$	1140	To	$	1150	Stable	Rs.	100993	To	101861	(+ 5)
Film	$	1130	To	$	1140	Up	Rs.	100125	To	100993	(+ 20)
Injection moulding (18 M.F.I.)	$	1140	To	$	1150	Stable	Rs.	100993	To	101861	(+ 40)
Blow moulding	$	1160	To	$	1170	Stable	Rs.	102730	To	103598	(+ 45)

HM Pipe (P.E.-80)	$	1160	To	$	1170	Stable	Rs.	102730	To	103598	(+ 45)
HM Film	$	1190	To	$	1200	Stable	Rs.	105335	To	106203	(+ 45)
HM Blow	$	1190	To	$	1200	Stable	Rs.	105335	To	106203	(+ 45)
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
Linear Low Density Poly Ethylene:L.L.D.P.E.	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
Film (1 , M.F.I.)	$	1160	To	$	1170	Stable	Rs.	102730	To	103598	(+ 10)
Roto moulding	$	1170	To	$	1180	Stable	Rs.	103598	To	104466	(+ 10)
Injection moulding (High M.F.I.)	$	1170	To	$	1180	Stable	Rs.	103598	To	104466	(+ 10)
Lamination	$	1190	To	$	1200	Stable	Rs.	105335	To	106203	(+ 10)
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
Low Density Poly Ethylene:L.D.P.E.	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
General Purpose / Film grade	$	1175	to	$	1185	Stable	Rs.	104032	To	104901	N/c
Heavy Duty	$	1185	to	$	1195	Stable	Rs.	104901	To	105769	N/c
Lamination / Extrusion	$	1300	to	$	1310	Stable	Rs.	114887	To	115755	N/c
Injection Moulding	$	1160	to	$	1170	Stable	Rs.	102730	To	103598	N/c
Milk Pouch	$	1280	to	$	1290	Stable	Rs.	113150	To	114018	N/c
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
Poly Vinyl Chloride :P.V.C.	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
Suspension (Pipe / Extrusion) ," K' Value 67	$	830	to	$	840	Up	Rs.	74073.88	To	74942.24	(+ 20)
Injection Moulding,"K" Value 57	$	850	to	$	860	Up	Rs.	75810.60	To	76678.96	(+ 20)
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
Poly Styrene:P.S.	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
GPPS	$	1250	to	$	1260	Up	Rs.	110545	To	111413	(+ 55)
HIPS	$	1280	to	$	1290	Up	Rs.	113150	To	114018	(+ 55)
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
A.B.S (Acrilonitrile Butadiene Styrene)	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
ABS	$	1350	to	$	1360	Up	Rs.	119229	To	120097	(+ 60)
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
E.V.A 18 %	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
E.V.A 18 %	$	1460	to	$	1470	Up	Rs.	128781	To	129649	(+ 10)
Grade (Application)	**CIF Nhava Sheva:($ /mt)**					**Trend**	***Landing rate(NS,Mumbai)**				**Last week**
P.E.T.	$	From	-	$	To	-	$/Rs.Exchange rate			68.00	Report $/t
P.E.T.	$	910	to	$	920	Up	Rs.	81021	To	81889	(+ 15)

Note:

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

2.) 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.

3.) 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)

Poly Propylene	Availability	Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
H030SG (Raffia)	Available	88.25	88.75	90.25	91.50	91.75	90.75	90.50
H350FG (Lamination)	Shortage	91.00	89.50	91.50	92.25	92.75	91.50	90.00
H100EY (Film)	Available	92.25	91.25	92.25	93.25	93.75	91.75	96.50
H110MA (Inj. Mldg)	Available	90.00	88.50	90.50	90.50	91.25	90.50	94.50
AM120N (Inj.mldg)	Available	89.50	90.00	91.50	93.00	93.00	92.00	93.50
110MG (Inj.Mldg)	Available	89.00	89.25	90.75	92.00	92.25	91.00	91.75
MI3530 (CP-Inj.mldg)	Shortage	93.50	92.00	93.00	94.75	95.25	94.00	94.50
R 120 MK(RCP)	Shortage	95.00	93.50	94.00	96.25	96.50	95.50	95.25
RCP SRN 20 NC	Shortage	95.50	94.25	95.25	97.00	97.75	96.25	102.00
H050 MN	Shortage	90.50	89.00	90.00	92.00	93.00	91.00	91.25
IOCL - PP		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**
H1110 MG	Available	89.50	88.00	89.00	90.75	91.00	90.00	93.50
PP IM-HMEL M 12 RR	Available	89.00	87.50	89.50	90.25	90.50	89.50	91.00
PP Film	Available	91.00	90.00	91.00	92.75	93.00	92.00	92.00
H.D.P.E. Raffia		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**
E 52009	Available	104.50	102.50	103.75	105.25	105.75	104.00	104.75
W 50A009 / W 52	Available	105.00	103.25	102.75	106.00	106.50	104.75	104.00
T 9	Available	105.25	103.50	103.25	106.25	106.75	105.00	104.75
H.D.P.E. Inj. Mldg		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**
50 MA 180	Shortage	105.50	103.50	104.00	106.00	106.25	105.00	106.00
M 5018L	Shortage	106.00	103.50	102.75	106.25	106.50	105.00	104.75
I 50 A 180	Shortage	105.50	103.25	103.00	105.75	106.25	104.50	104.50
180M50 (IOCL)	Shortage	105.00	103.50	103.00	106.00	106.50	104.75	105.00
H.D.P.E. H.M.(Film)		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**
003DF49 (IOCL)	Available	106.50	105.50	105.25	108.25	107.50	107.00	106.00
F 5400	Available	108.50	107.50	107.25	110.25	110.00	109.00	108.75
GAIL 55 (F55HM)	Available	108.00	107.00	107.00	109.50	109.00	108.50	108.50
F46003	Available	105.50	104.50	104.50	107.00	107.50	106.00	106.50
H.D.P.E. BLOW		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**
B52	Shortage	106.00	105.00	104.50	107.00	108.00	107.00	105.50
012DB54 (IOCL)	Shortage	105.50	104.50	104.00	106.50	107.50	106.50	105.00
B 6401	Shortage	106.50	105.50	105.25	107.50	108.50	107.50	106.25
B56003/54GB	Shortage	105.00	103.50	104.50	105.50	106.50	105.75	106.00
LLDPE FILM		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**
LL F19010	Shortage	109.50	108.50	109.50	111.00	112.25	110.00	111.50
HPL 71601	Available	108.50	107.50	108.00	110.25	111.25	109.00	107.50
LLDPE ROTO		**Ahmadabad**	**Mumbai**	**Delhi**	**Bangaluru**	**Chennai**	**Indore**	**Kolkata**

HPL 73204T	Available	105.50	104.50	105.25	107.25	107.75	106.00	105.00
36RA045	Available	106.50	105.50	106.25	108.25	108.75	107.00	108.00
L.L.D.P.E lamination		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
E24065	Available	108.00	106.75	109.25	110.25	110.50	108.25	106.50
L.D.P.E.		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
24 FS 040	Shortage	117.00	115.00	117.50	117.75	118.25	116.50	120.00
16 MA 400	Shortage	118.50	117.00	118.00	121.00	122.00	118.50	121.00
1070 LA 17	Shortage	121.25	120.25	122.25	123.25	124.25	123.25	123.25
LLDPE INJ.MLDG		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
M26500	Shortage	117.50	116.25	117.25	119.25	120.25	118.00	120.00
PVC		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
K - 6701	Available	79.00	77.00	79.75	79.50	79.50	78.50	80.00
K - 5701	Available	80.50	78.50	81.00	81.00	81.50	80.00	80.50
Imported Mat.67 (K-Value)	Available	78.50	76.50	79.00	78.50	79.50	78.00	80.00

Imported Material

LL Film (1 M.F.I)		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
Imported LL	Available	108.50	107.00	108.00	109.00	109.00	108.50	109.00
	Available	108.25	106.25	107.25	108.25	107.75	107.75	108.75
HM film		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
	Available	107.50	106.00	106.75	108.75	109.25	107.50	107.75
Imported HM	Available	107.00	105.75	106.50	108.50	109.00	107.25	107.50
	Available	107.00	105.25	106.00	108.00	108.50	106.75	107.00
LDPE LAMI. (7 M.F.I.)		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
Titan 801 YY	Available	119.00	118.00	119.00	122.00	121.25	119.50	119.50
Hanwa	Available	120.00	119.00	120.00	122.00	122.25	120.50	120.00

Engineering Material

Poly Styrene:P.S.		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
GPPS	Available	112.50	110.50	112.50	113.00	113.75	112.00	113.50
HIPS	Available	115.50	113.50	115.50	116.00	116.75	115.00	116.50
A.B.S		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
920 (Ineos)	Available	113.50	111.50	113.50	114.25	114.75	112.75	115.75
700 Colour ABS	Available	135.00	133.00	134.00	135.75	136.25	134.25	136.25
P E T		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
RELPET 5801	Available	83.00	81.75	83.00	84.50	85.00	83.25	84.00
Engineering Material		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
Nylon 6 (GSFC)	Available	205.00	203.75	204.00	206.50	207.00	205.00	205.50
Nylon 6 6 (GSFC)	Available	207.00	205.75	206.00	208.50	209.00	207.00	207.50
Nylon GF 30%	Available	186.00	184.75	185.00	187.50	188.00	186.00	186.50
Delrin	Available	104.00	102.75	104.25	105.50	106.00	104.00	105.75
Plain PBT	Available	161.00	159.75	160.00	162.50	163.00	161.00	161.50

Poly Carbonate-PC		Ahmadabad	Mumbai	Delhi	Bangaluru	Chennai	Indore	Kolkata
2407 General Purpose	Available	175.50	174.25	174.50	177.00	177.50	175.75	176.00
2858 Medical grade	Available	231.00	229.75	230.00	232.50	233.00	231.25	230.50
S.A.N	Available	100.50	99.25	102.25	102.00	102.50	100.75	103.75
EVA:	Available	124.50	122.00	123.00	126.00	125.25	125.00	126.00

Sr. No.	Monomer	Today	Friday	Diff
1	Brent Crude Oil	40.49	40.39	$0.10
2	Naphtha (C&F Japan)	$370	$370	Stable
3	Propylene (CFR China)	$730	$690	$40
4	Ethylene (CFR SEA)	$1,135	$1,100	$35
5	VCM (CFR SEA)	$620	$620	Stable
6	EDC (CFR SEA)	$260	$260	Stable
7	Styrene (CFR China)	$1,125	$1,140	-$15
8	PTA (CFR China)	$600	$600	Stable
9	MEG (CFR China)	$715	$725	-$10

Latest rate revision wef 10/3/16

Company	Polymer	Change	Rs/Mt	Approx ($/Mt)
RIL	PP Homo	Up	₹ 1,500	$22.06
	PP ICP	Up	₹ 2,000	$29.41
	PP RCP	Up	₹ 3,000	$44.12
	All PE	Up	₹ 1,000	$14.71
	PVC & PET	Stable	No Change	Stable
IOCL	PP Homo	Up	₹ 1,500	$22.06
	PP ICP	Up	₹ 2,000	$29.41
HPL	PP Homo	Up	₹ 1,500	$22.06
	PP ICP	Up	₹ 2,000	$29.41
	PP RCP	Up	₹ 3,000	$44.12
	All PE	Up	₹ 1,000	$14.71
HMEL	PP	Up	₹ 1,500	$22.06
GAIL	HDPE & LLDPE	Up	₹ 1,000	$14.71
MRPL	PP	Up	₹ 500	$7.35

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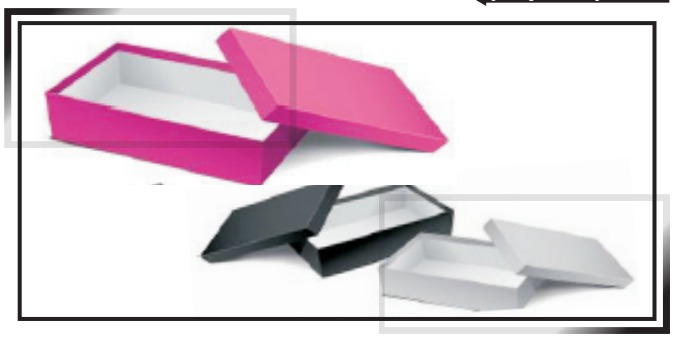
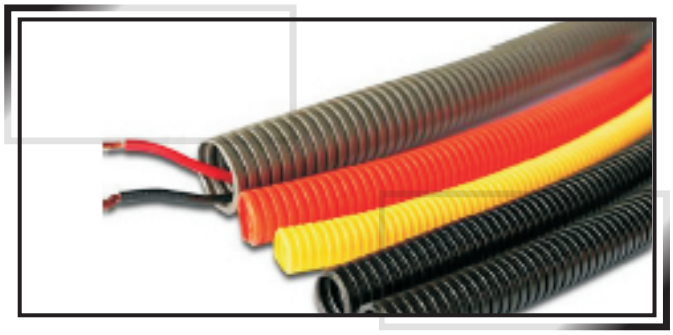
માત્ર ચાર લાખની મશીનરીઃ માત્ર પાંસઠ પૈસામાં તૈયાર થતી આ બાઉલ પંચ્યાસી પૈસામાં વેચાય છે.



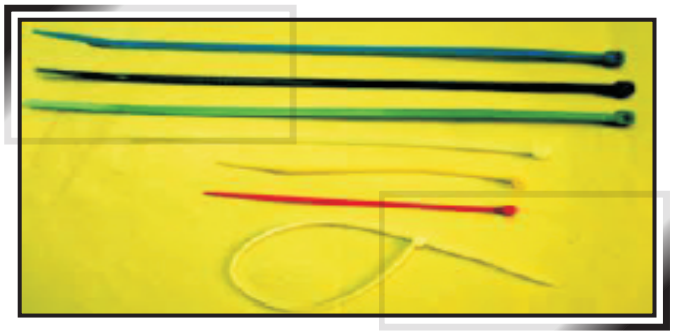
રેડીમેઈડ કપડાં, જૂતાં, રમકડાં તથા અનેક બીજા જાતના પૈકીંગ માટે વપરાશમાં લેવામાં આવતાં ખોખા બનાવો મશીનરીમાં રોકણ રૂપિયા 52 લાખ.

પી.પી. પ્લાસ્ટિકની સૂતળી

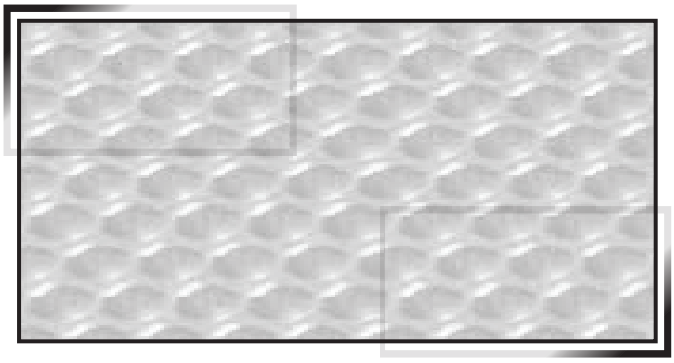


વોશીંગ મશીન, ઓટોમોબાઈલ, ઈલેકટ્રીકલ, પ્લમ્બિંગ વગેરે ઉપયોગીતાઓ માટે કોરુગેટેડપાઈપ મશીનરીમાં રોકાણ રૂપિયા ૨૨ થી ૨૫ લાખ.

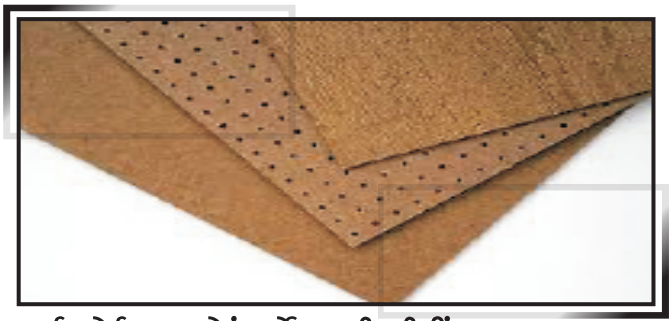
અનેક સાઈઝના પ્રિન્ટેડ પેપર ફેન
45 લાખની મશીનરી



લૂપ પિન મશીનરીમાં રોકાણ રૂપિયા ૩૦ લાખ જુદી જુદી સાઈઝ માટે જુદા મોલ્ડ. દરએકની કિંમત રૂપિયા ચારથી પાંચ લાખ.

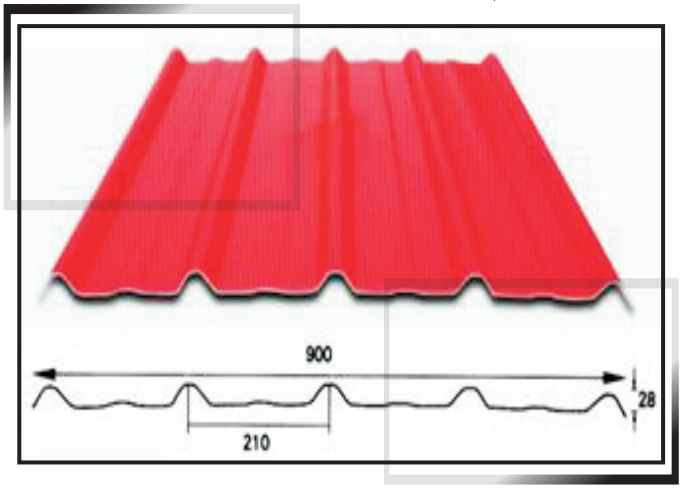


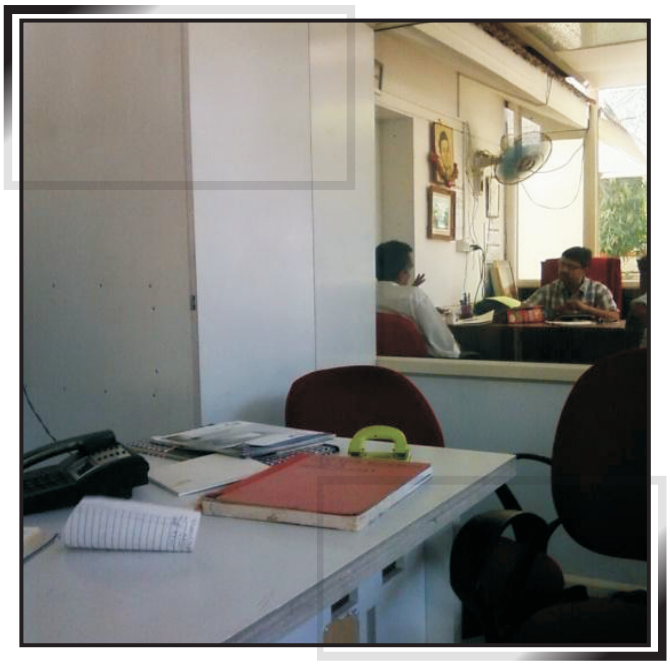
પેકેજિંગ માટે એર બબલ ફિલ્મ
મશીનરી માં રોકાણ રૂપિયા 45 થી 50 લાખ



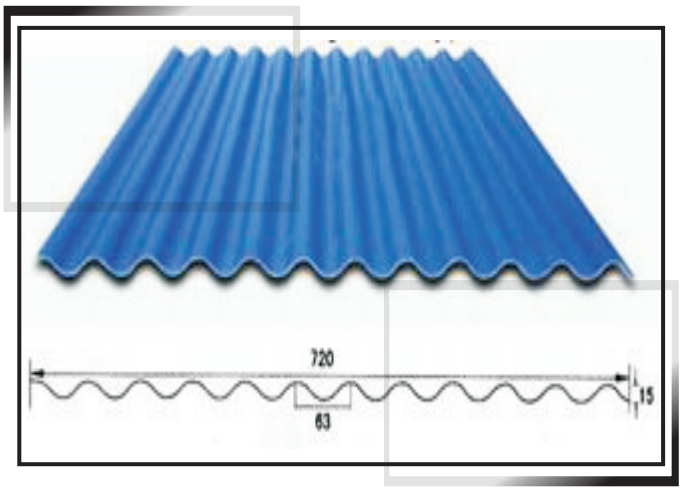
હાર્ડ બોર્ડ ખૂબ મોટું માર્કેટ મશીનરી કિંમત ૭૨ લાખ.

પેપરને પ્લાસ્ટિક થી લેમીનેશન કરી કાગળ તૈયાર કરવોઃ કાગળની મોટી માંગઃ પેપર કપ માટે, મિઠાઈના, તૈયાર કપડાં, અગરબત્તિના... વગેરે ખોખા માટે ઘણી મોટી માંગ છે. મોટું રોકાણ, મોટો ધંધો મશીનરી કિંમત આશરે રૂપિયા 75 લાખ.





પીવીસી બોર્ડ. વુડ + પીવીસી બોર્ડ. વુડ + પ્લાસ્ટિક દરવાજા અને ફ્રેમઃ એકજ મશીનરી સેટ માંથી બનાવી. કિંમત આશરે રૂપિયા 4.11 લાખ.



એકજ મશીનરીના સેટ માથી પીવીસી બોર્ડ વુડ + પીવીસી બોર્ડ અને યુપીવીસી રૂફીગ શીટસ બનાવી. મશીનરી કિંમત આશરે ૩ લાખ.

Kamal shah

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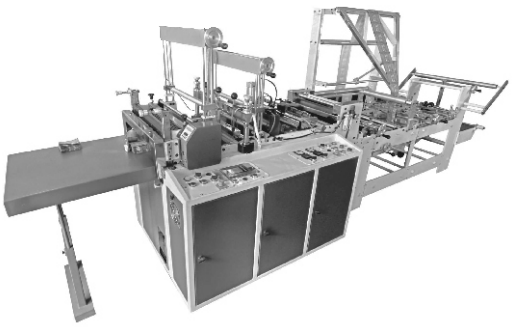

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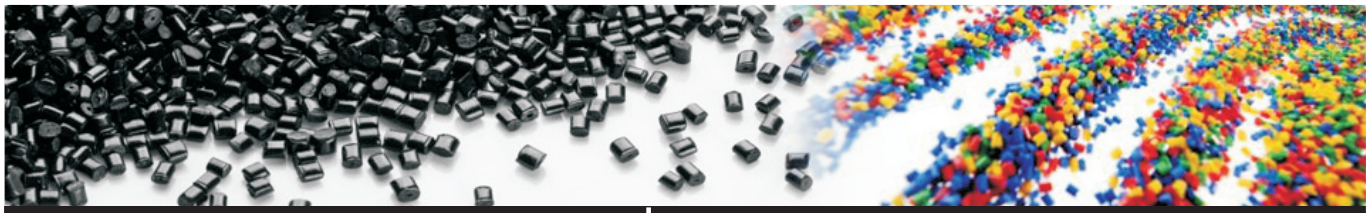

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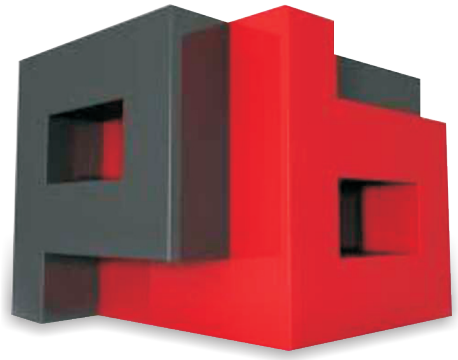

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Owner, Publisher, Printer : Dinesh Jivanlal Shah Publisher From : 303 / Sunsilk Appartment, B/h. Dinesh Mill, Patel Colony, Akota, Vadodara-390007, Gujarat, INDIA.
Printing Press : Gayatri Offset-16,dwarkadhish Chamber, Opp. Sardar Market, Kewadabaug,Vadodara-390001, Gujarat, INDIA.
Editor: Dinesh Jivanlal Shah.