

## From the Editor's Desk



Welcome to the 1<sup>st</sup> edition of 'Repol Konnect'!

The Indian Polymer industry has grown rapidly over the last couple of years with immense contribution from processors, end users, OEMs, additive manufacturers, research institutes and raw material manufacturers.

Indian PP industry is growing at a tremendous pace for the last 5 years and is poised to reach the 3MMT mark in FY 2011-12. Excellence in processing, product innovation and export led growth, supported by sustainable initiatives are envisaged to drive the future PP growth in the country.

'Repol Konnect' is an initiative by the Polypropylene Business Group of the Polymer Division, Reliance Industries Limited, in a bid to integrate all stakeholders in the value chain. This newsletter covering latest developments and events in the polymer industry will be published every quarter exclusively for our valued customers and partners.

Please write to us at [repol.newsletter@ril.com](mailto:repol.newsletter@ril.com) for any feedback or suggestions.

Hope you enjoy 'Repol Konnect'!

Best Regards,  
C Paparao

## Nonwoven Machinery – Now Made In India!!

PP Spun Bond Nonwoven is a sunrise industry in India. Nonwoven per-capita consumption is one of the lowest in India among world. It's no surprise that more than 50 lines have been installed in India for manufacturing PP Nonwoven fabric in a short span of time. Technology solution from Rajoo would go a long way in helping increase the current per capita consumption – a parameter closely linked to economic development. Mr Chandrakant Doshi, Chairman of Rajoo Group confirmed delivery of complete line in 4 months. Apart from packaging applications, PP Nonwovens are worldwide used for Agriculture crop covers, medical gowns, surgical masks and for all types of hygiene products. Local availability of machinery will boost the growth of this sector.

For details visit [www.rajoo.com](http://www.rajoo.com)



## Innovation in Transparency – Repol SRX100

Reliance expands the Repol family portfolio of premium resins to molded parts with high clarity and mechanical properties. Repol SRX100 offers:

- Exceptional clarity/ transparency even at high thickness
- Wider Processing Window
- Faster solidifications – lower cycle times
- High Heat Resistance

With this development, Reliance has reaffirmed its commitment to innovation as a means to create value for its customers and the entire RCP sector



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## RIL Hazira PP Bagged National Technology Award, FY 2010-11

Reliance – Hazira PP team received 'National Technology Award' from Ministry of Science & Technology for best manufacturing technology development from Ex- President of India Dr. APJ Abdul Kalam.

## BOPP India-2011



BOPP is the fastest growing sector of PP end-use in India due to healthy growth of organised retail sector in food and non-food applications. Keeping that in mind, SPE & Colour Publication jointly organized one day conference 'BOPP India 2011' in Mumbai on 10<sup>th</sup> June. Around 250 delegates attended along with resin & additives manufacturers from EU, SE Asia. RIL was the lead patron of the conference.

## KRUSHI MAHOTSAV (May - June '11)



7<sup>th</sup> Krishi Mahotsav organised by Gujarat Govt. along with Dept. of Horticulture covering 18000 villages and 225 Talukas to bring awareness of latest developments in farming for higher productivity and better quality. Reliance joined this novel effort with 780 live demonstrations of plasticulture applications like drip, mulch, shade net, green houses. Post-harvest applications included plastic packaging (Leno, woven & non woven bags), handling (crates, pallets etc). Shear reach of the program to increase awareness on effective & efficient farming

## Entrepreneur Development Meet - Kanpur

Merchant's Chamber Uttar Pradesh (MCUP) & RIL jointly organised a seminar of New Investment Opportunity in Plastics in Kanpur on 29<sup>th</sup> March'11. Mr S Jhunjhunwala from MCUP & Mr Raj Kumar Lohia addressed the 120 strong gathering. Mr Rajesh Jha of RIL of Kanpur office presented the opportunity of investment in plastics



## Plaspack Seminar - Indore

Indian Plaspack Forum, the largest Plastics Association of Central India, organised a seminar on 5<sup>th</sup> May '11 focusing 'Plastics & Packaging Industry of the future.' The seminar was attended by leading plastics processors, RIL, IOC & NCPAH. RIL presented a paper on 'Investment Opportunity in Polypropylene' highlighting new opportunity of Polypropylene in Agriculture & dairy sector.



## IIP Seminar on 'Packaging of Processed Soyabean and other Traditional Food Products'

Indian Institute of Plastics had organised a one day seminar on 'Packaging of Processed Soyabean and other Traditional Food Products' at Indore on 18<sup>th</sup> April 2011. The program was sponsored by Ministry of Food Processing Industries, Government of India. A presentation in Hindi on Plastics in food packaging was made by Reliance Industries, highlighting advantages of Polymers in packaging of various food items.

## Geotextile Awareness Program

DEOGARH - Reliance Polymer team (Kolkata) and M/s Techfab jointly organised an in-house presentation at Deogarh Irrigation Department, Government of Jharkhand, on 'Applications of Polypropylene Geosynthetics in river bank protection work and canal lining work' during May 2011.

In-house Presentation on Geotextile at MMRDA –  
Mumbai on 7<sup>th</sup> June' 2011



## Knowledge Sharing with HUL



RIL polymer & polyester team and HUL Procurement team Mumbai had one day exclusive interaction on Plastics raw material industry, supply chain, new developments and technology trend. HUL team was led by Mr Ramesh Krishnamurthy, Head Procurement South East Asia. Our Business development & Technical team presented papers on Polyolefin & PET industry with special emphasis on packaging. 80 people from HUL attended the session. We thank M/s HUL for giving us this opportunity!

## Repol® Polypropylene for Single Use Medical Wear

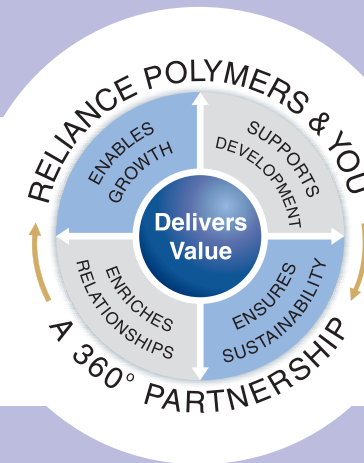


IMA Ranchi: Indian Medical Association & RIL, Kolkata office organised an exclusive program for Doctors, Surgeons & Medical Professionals of Ranchi to demonstrate the use of PP Non woven Single Use Medical Wear at IMA Ranchi Hall. M/s Filter manufacturing Co. Kolkata, a fabricator of PP single use medical wear displayed samples at the seminar.

## Auto Seminar - Pune



Growth opportunity of plastics in automotive sector is enormous. Developed countries use more than 150 Kgs of plastics compared to 100 Kgs in India. Sensing that opportunity, SPE & Colour Publication jointly organised a seminar on 'PLASTOMOTIVE 2011.' Reliance Polymers was the Lead Patron and presented a Paper on 'Emerging Opportunities of Polypropylene in Automotive sector.' The two day conference (12<sup>th</sup> & 13<sup>th</sup> April) was attended by ~ 250 participants comprising of Processors, Vendors, OEMs & Resin suppliers.



## Repol® Nonwoven for Agrotextiles

SASMIRA Mumbai & TNAU, Coimbatore organised a Seminar on 'Protective Agro-Textiles' at Coimbatore for the benefit of farmers. RIL presented a paper on the scope of PP Nonwoven in Banana Bunch Skirting Bags, Cabbage Floating Row Covers, Mulch for the plants cultivated in hilly regions e.g. Tea, Strawberry.



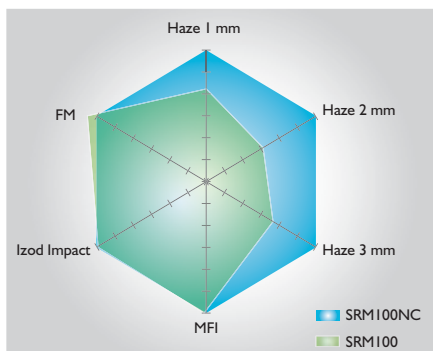
## Repol SRX100

### A challenge to Glass

Reliance expands the Repol family portfolio of premium resins to mold parts with high clarity and mechanical properties. Repol SRX100 opened new frontiers for applying polypropylene in parts that require ultra high transparency.

### USP

- Exceptional clarity
- Wider Processing Window
- Faster solidifications – lower cycle times
- High Heat Resistance
- Higher clarity even at higher thicknesses



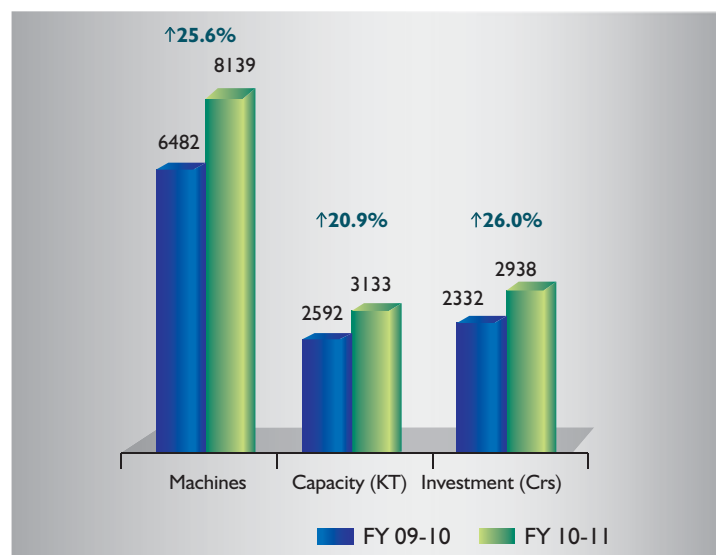
### Opportunities with SRX100

The outstanding transparency of Repol SRX100 opens door for substitution of other more expensive materials such as Glass, PC, PMMA, and transparent ABS, with added advantages of lower density.

With this development, Reliance has reaffirmed its commitment to innovation as a means to create value for its customers and the entire RCP sector

## Healthy Growth of Downstream industry continues

During financial year 2010-11, plastic downstream machinery estimated to be grown at 25% based on our own market survey. Total Investment in this sector for the financial year 2010-11 was estimated to be Rs. 3000 Cr. [0.7 Bn USD] Injection molding sector witnessed the highest growth of 34% followed by blow molding and extrusion sector



## New Horizons

### Plasticulture

S. K. Rajasthan Agricultural University Bikaner, has introduced a course on 'Plasticulture applications in Agriculture' as one of the three elective subjects. This Course is for last year students of Agriculture Engineering to be Commenced from 1st July 2011. RIL shared all the available data on plasticulture to be included in the course book that will be printed soon.

### Box Bottom Bag Lines

Two major cement producers in India have installed 3 lines. Couple of processors has also ordered similar lines

## Event Calendar

- Packplus South 2011, Hyderabad, July 1-4<sup>th</sup>, 2011. South India's largest packaging exhibition. Visit Reliance Industries Stall at Hall no 3, stall no 44 to witness new initiatives and numerous packaging applications with Reliance Polymers
- STAI – 10<sup>th</sup> Joint Convention and Expo by The Sugar Technologist Association of India and The Deccan Sugar Technologists Association, at Hotel Marriot Convention Center Pune from the 2-5<sup>th</sup> July'11.
- TechnoTex 2011 – FICCI is organising an International 'Exhibition cum Conference on Technical Textile' in Mumbai from the 25-27<sup>th</sup> August'11.
- Agritech, Mumbai – Agritech Asia schedule to happen in Mumbai from the 6-8<sup>th</sup> September'11. Please visit Reliance stall (Hall No. 5, Unit No. 203 - A). Website: [www.agritechasia.com](http://www.agritechasia.com)

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Growth is Life

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