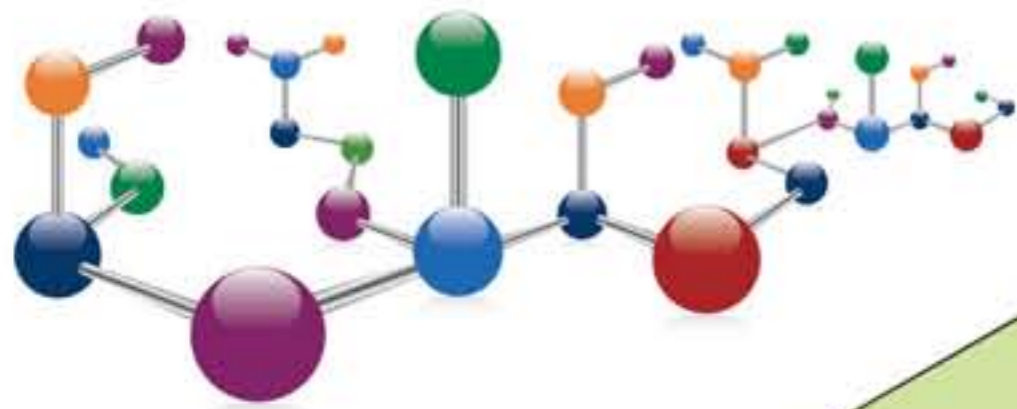




FORMPOLY

Formulate Your Success with Formulated Polymers

NEWS LETTER



Issue 6 volume 1112

Dear Business Partners,
Greetings to all.
Wish you a Very Happy 2012 !

We look forward to continuing good business relationship with you and wish for mutual success.

It gives me immense pleasure in sharing FPL's recent successes and expansion for brighter future.

FPL inked the **technical collaboration** with Eurostar Engineering Plastics, France for manufacture of **STARFLAM** brand Polyamide Flame Retardant Grades. This is expected to expand FPL product reach to Electrical & Electronics market with over 120 UL certified time tested products.

FPL has been honoured with two **National Awards 2010** in the area of Plastic Raw Material innovation and Technology Management innovation. These prestigious awards with cash prize of Rs 0.4 m (US \$ 8000) were received from the Ministry of Chemicals and Fertilisers in a National Level competition. FPL team won **'TQM-5 S' First Prize 2011** from **Confederation of Indian Industry (CII)** in a National Level Competition. FPL also received **'5 S Sustenance Award 2011'** from ABK-AOTS Competition acknowledging its sustained effort on TQM / 5-S activities. FPL was awarded **ISQA 2010 & ISQA 2011 IEEMA Quality Award** for 'Significant Achievements in Quality Systems' from **IEEMA - Indian Electrical & Electronics Manufacturers Association** in a national level competition. FPL received 10th MMA **Managerial Excellence Award 2011** from Madras Management Association. All these successes are attributed to the invaluable support of customers & End-users, who have appreciated and acknowledged our combination of specialization, technical competence with personal service.

I am also happy to inform that FPL has joined the selected elite few in getting its **in-house R&D centre** recognised by DSIR, Government of India. Only about 1500 firms have this recognition in India.

During the year, FPL installed a most modern high temperature production line for manufacture of high melting point materials (up to 450°C), which is one of its kind in India and among the very few in Asia. This capacity was planned to reinforce the FPL focus on the niche market of high temperature thermoplastics. FPL also installed an exclusive colour production line to specialise in light colour grades. During the period, Unit II went in to production and its operation has been stabilised.

Year 2011 has been a rollercoaster year in terms of product costing with devaluation of Indian Rupee against foreign currencies, especially US dollar and Japanese Yen. FPL's lean manufacturing set up has helped to handle the ups & downs to some extent. In the current global scenario of dampened market enthusiasm and dented optimism, FPL is preparing itself to overcome these market dynamics.

Technical Collaboration for High-tech Flame Retardant Engineering Plastic Compounds



Formulated Polymers Limited and Eurostar Engineering Plastics (EEP) France have signed a technical collaboration agreement for manufacture of **STARFLAM® Flame Retardant Polyamide compounds for Electrical and Electronic market**. The whole product range of **STARFLAM®** would be available in India through FPL.

The Eurostar history is linked to **four decades** of innovation in the field of engineering plastics compounds. Since 1972, Eurostar was owned by Ferro, Kawasaki Steel, LNP Engineering Plastics, GE Plastics, SABIC Innovative Plastics. **STARFLAM®**, the Eurostar brand recognition comes from its unique know-how in the development and commercialization of halogen free flame retardant compounds. Visit www.eurostar-ep.com for more details.



With this tie-up, FPL would offer the Indian electrical / electronics industry with **over 120 underwriters Laboratory (UL) approved flame retardant products in Polyamide**, bringing the latest technology to this part of the continent.

40 Years History

1972	Creation of Eurostar.
1983	Buy out of Eurostar by Ferro: the company becomes Ferro-Eurostar
1995	Buy out of Ferro-Eurostar by LNP: the company becomes LNP-Eurostar
2002	Buy out of LNP by GE Plastics
2007	Buy out of GE Plastics by SABIC
2010	Buy Out by managers, company becomes Eurostar Engineering Plastics
2011	Technical Collaboration with FPL India

FPL is participating at both **ELECRAMA 2012**, 10th international exhibition of electrical and industrial electronics industry, Mumbai and **PLASTINDIA 2012**, 8th international plastics exhibition & conference, New Delhi. We look forward to welcoming you to our stand in both these exhibitions.

With warm regards

V. Sekar
Joint Managing Director

Government of India Recognised in-house R&D Centre

FPL received the Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India recognition for its R&D centre. FPL has its credit of developing over 400 formulations in 10 high end Engineering Plastics over the years. Also through its R&D it has developed and deployed many processes for producing product with high consistency.

FPL has drawn plans to invest in its R&D centre including FORMPOLY Application Development Centre to develop more products including environmental friendly GREEN products.



Most Modern Pilot Plant

FPL installed a most modern pilot plant with gravimetric feeding systems with complete auto control in its R&D centre. This modern Coperion line is expected to help FPL to develop newer grades in much shorter time. This system works with fully automated computerised controls starting from formulation to complete traceability.




Unit 2 Goes in to Operations.

FPL completed its unit 2 and started the production of selected ranges. This unit is expected to help FPL improve its delivery schedules and add additional capacity that is required for its newer business. Most operations were stabilised and the plant has started yielding good results.

High Lights of STARFLAM® Range

STARFLAM® FLAME RETARDANT POLYAMIDE COMPOUNDS

 120 + Yellow Cards Recognized by UL



Flame Retardant Types

- Brominated
- Red Phosphorous
- Mineral FR
- Organo Phosphorous
- Melamine Cyanurate
- Organo Phosphorous XGEN

Range Offered

- Unfilled
- Glass Fiber
- Glass Beads
- Mineral

Property Highlights

- Robust Flammability : UL 94 V2 to V0 @ 0.4 mm thickness
- High CTI : > 450 v → 600 V
- GWT : 960 C @ 0.8 mm
- HDT : up to 250 C
- Colour : Range of shades
- Laser markable

Recognition of Innovation & Excellence

FPL's commitment to technology innovation and quality systems & TQM has been recognised by various agencies. On this occasion, we thank all our business partners, associates, well-wishers for their kind and persistent support during our journey to these esteemed awards from Government of India, CII, MMA, IEEMA etc.,

National Award of Innovation 2010
Plastic Raw Material
(Nylon 12)



सत्यमेव जयते
Ministry of Chemicals and Fertilisers
Government of India

National Award of Innovation 2010
Technology Management
(Compounding Technology)



Indian Electrical and Electronics Manufacturers Association



5S SUSTENANCE AWARD 2011



10th MMA Award For
Managerial Excellence 2011



5S EXCELLENCE AWARD 2011



Display at Exhibitions

We look forward to see you in person for a chat

Stand C12 Hall H8



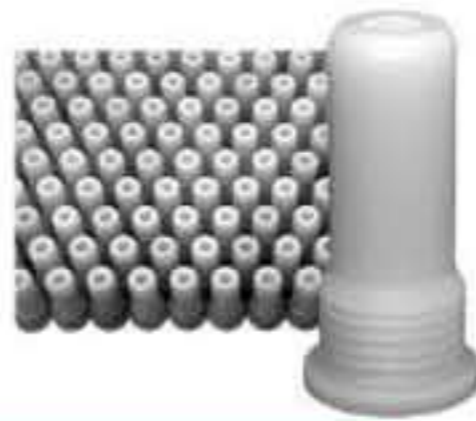
Auto Interior – High MAT Nylon 66

FPL developed high mat finish Nylon 66 **FORMPOLY® N66GP30 HIM** for car interior handles in various light colours for Visteon & Mobis. This high impact formulations offer direct moulded mat parts eliminating painting operations.



Easy Machining Nylon 6

FPL developed a new easy machining unfilled Nylon 6 **FORMPOLY® SN6GP28MC** by reducing the surface hardness substantially and internally lubricating for smooth tool application. There are many applications of Polyamide where the final dimensions are machined and corrected.



Thin Wall Mouldable PA66 - high flex grade

A new **FORMPOLY® N66FX35** was introduced for thin wall multi-cavity mould applications like cable straps which demands high flexibility with tensile stress. This was made possible by special compounding process developed by FPL. The process is designed to deliver over 50% extra flexibility which eliminates in many times the post moulding conditioning totally.



FORMPOLY® PRODUCT RANGE

POLYMERS

- Polyamide – 6 (Nylon 6)
- Polyamide – 66 (Nylon 66)
- Polyamide – 46 (Nylon 46)
- Polyamide – 12 (Nylon 12)
- Mod. Poly Phenylene Ether (m-PPO)
- Poly Phenylene Sulphide (PPS)
- Polypropylene – Home & Co
- Acrylonitrile Butadiene Styrene (ABS)
- Styrene Acrylonitrile (SAN)
- Polyacetal – Homo & Co Polymer (POM)

RANGE

- Glass Fibre Reinforced
- Mineral Reinforced
- Flame Retardant (Halogen and Halogen free)
- Impact Modified
- Electrically Conductive
- UV Stabilised
- Heat Stabilised
- Antistatic
- Lubricated
- Pre Coloured
- RoHS compliance
- Alloys and Blends
- STARFLAM Flame Retardant

STARFLAM®



120+ Yellow Cards Recognized by UL

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