

FORMPOLY News



Dear Business partners,

Wish you a Very happy 2009!

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

It gives me immense pleasure in sharing **FPL's** recent success. It has been honored with **PLASTICON 2009 AWARD** for Fastest Growing Engineering Plastics Enterprises in India. Areas of excellence include leadership in Quality, R&D and Product Development. This was possible purely due to your support and hence I would rightly like to dedicate this award to all of you. Our success is also attributed to the invaluable support of customers & end-users, who have constantly appreciated and acknowledged our combination of specialization, technical competence and personal service.

FPL underwent a expansion to reach **World Class Size Plant**. The installation of a 72 mm W&P mega compounder has taken its capacity close to 15000 MTPA. In Line with its initiative of **AGQC (Achieve Global Quality and Consistency)** which was started last year at **FPL**, the expansion of new Line 5 is controlled by the Allen Bradley software in a closed loop system ensuring high level of quality consistency.

Year 2008 has been a rollercoaster year in terms of product costing. **FPL's** lean manufacturing set up has helped to handle the ups & downs and is expected to help it & its business partners during periods of dampened enthusiasm & dented optimism of economy.

Our success strategy comprehensively encompasses the satisfaction of our customers. Your appreciation of our efforts in the difficult times therefore comes as a great assurance and gives us encouragement to face adversities.

We look forward to welcoming you on our stand in **PLASTINDIA 2009** at New Delhi.

With warm regards

N. MOHAN
Director Operations

FORMULATED POLYMERS LIMITED
has been awarded

Plasticon

Awards 2009
RECOGNISING EXCELLENCE



by **PLASTINDIA FOUNDATION**

Under category

**Fastest Growing Enterprise –
Processing Engineering Polymers**

for

**"Manufacturers of Engineering Plastic Compounds
with indigenous technology in Quality, R&D
and Product Development Leadership"**



Process Approach at FPL



FPL underwent a process approach change during the year to service its customers in cost effective and efficient manner. Earlier style of various departments were dissolved to make basic four process to bring efficiency and faster service.

- Order to Delivery Process (ODP)
- Delivery to Payment Process (DPP)
- Profit Process (PP)
- Growth Process (GP)

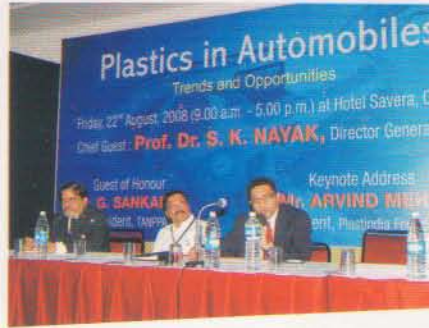
This organization change is expected to eliminate non value added jobs and improve the cost effectiveness of **FPL**

PP for ABS molds

Due to steep price variation between ABS and PP, **FPL** product of **FORMOLY® SPP700** series which runs in the ABS tool having same shrinkage has been hot preferred product of customers to control cost. **FORMOLY® SPP700** series offers same shrinkage as ABS with higher HDT and faster production cycle. Cost saving works out over 50%.



FPL presents papers at National Seminars and Conferences



- **FPL** presented a paper on Cost Effective Solutions for Automobile Applications on 22nd Aug 2008 organized by **AIPMA** (All India Plastics Manufacturers Associations) covering selection technique for Engineering Plastics for under bonnet applications

- Mr. Sekar Director Development delivered a talk on Injection Moulding – Cost Effective Material Selection organized by **IPI** (Indian Plastics Institute) on 12th Dec 2008

- **FPL** participated in panel discussion with young chemists at Stella Maris College on 21st Jan 2009 during the National Conference on Novel Polymeric Materials

Bench Marking

FPL carries out Bench Marking (BM) on product, process and efficiency with domestic and international competitors on systematic pattern. FPL crossed its 200 mark of BM in Q3 of the year. FPL has achieved the best in industry in terms of tonnage produced to man power and Energy consumed per unit of production. FPL products are also up graded on continuous basis

Goal 2012

- To achieve INR 2500 million in revenue
- To be one of the top five admired companies in our industry in India
- Establish minimum three distinct business models in engineered Product Solutions
- Achieve Profit after Tax of min 10%
- Achieve Deming Prize
- Train man power to create a group of empowered employees to lead each business models

FORMOLY® Non Halogen Flame Retardant Grades

FPL now offers full range of non halogen FR grades in Polyamide 6, 66, m PPO and PP. They comply with RoHS (Restriction of usage of certain Hazards Subsentence) as required by European Union.

FPL would join the selected few to have the technology to design and produce non halogen FRs.



PPS - 25
Goa, India
March 1-5, 2009

Polymer Processing Society accepts paper of FPL

FPL along with **Anna University** and **CLRI** (Central Leather Research Institute) carried out a research on "Effect of Nanoclay Fictionalization on the thermal and mechanical properties of Polypropylene / Poly (Ethylene-co-(vinyl acetate)) composite". This will be deliberated at PPS-25, Goa, march 1-5th 2009, organised by **IIT Mumbai** and **IIT Delhi**.



First in India to introduce electrically conductive mPPO



FPL has developed electrical conductive compounds based on mPPO / Nylon 66 alloy to meet the tough requirements of petrol tank application for automobiles. It meets the a volume resistivity of 10^2 to 10^4 ohms with good impact strength and mechanical properties.

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FPL adds 5th Production line



| Production Type | MT / Yr capacity |
|--------------------------------|------------------|
| Bulk Production Grades | 9200 |
| Specialty Grades | 5600 |
| Super Specialty Grade | 200 |
| Total capacity per year | 15000 |



FPL added ZSK72 twin screw line with Brabender feeders and Conair dryer to double its capacity. This line is controlled with Allen Bradley software ensuring excellent consistency of product. **FPL** also underwent a total change in material handling system to improve its cost efficiency.

FORMOLY[®]
is now available in
RoHs Compliance colours

FPL R&D Commitment
5 days first sample



FPL retains its top slot

FPL in short span of time due to its commitment to quality could attain No. 2 / No. 3 slots in the polymer that it produces.

Thanks to customer and end users for their support

Where **FPL** stands today in Indian Market (compounded ranges)

| Company | PA6 | PA66 | mPPO | PP | ABS / SAN | POM |
|---------|------|------|------|------|-----------|-------|
| FPL | No.3 | No.2 | No.2 | No.4 | No.1* | No.1* |
| DuPont | ✓ | ✓ | | | | ✓ |
| DSM | ✓ | | | | | |
| GE | | | ✓ | | ✓ | |
| SRF | ✓ | ✓ | | | | |
| GSFC | ✓ | | | | | |
| INEOS | | | | | ✓ | |
| BEPL | | | | | ✓ | |
| Others | ✓ | ✓ | ✓ | ✓ | | |

* in ABS Reinforced Grades and POM special application grades

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Adds facility to R&D



In line with *FPL's* commitment to research, it added following new facility to its R&D and Application Development Centre.

- QUV weather tester for accelerated out door weathering
- Closed loop Demag injection molding machine

With these additions, R&D investment at *FPL* cross INR 12.5 million.

Meet us at ODH7C CR2 PLASTINDIA2009



Feb 4 – 9th 2009, New Delhi

PRODUCT RANGE OF *FPL*

- Polyamide - 6 & 66 (Nylon 6, 66)
- Polypropylene - Homo & Co Polymer (PP)
- Modified Poly Phylene Ether (m-PPO)
- Acrylonitrile Butadiene Styrene (ABS)
- Styrene Acrylonitrile (SAN)
- Polyacetal - Homo & Co Polymer (POM)
- Alloys and Blends
- Glass Fibre Reinforced
- Mineral Reinforced
- Impact Modified
- Flame Retardant (halogen and halogen free)
- UV / Heat Stabilised
- Antistatic; Lubricated; Pre Colour
- RoHs compliance

Our Vision

We shall be a globally competitive, technology led organization designing, manufacturing and delivering world class Engineered Product Solutions.

We shall achieve this with a competent team of motivated employees and delighted business partners.

We are committed to high ethical, health and safety standards in all we do.

Quality Policy

To make our customer successful we are committed to

- remain dynamic to fulfil their ever changing requirements,
- offer products always at a competitive price,
- provide quality products in line with their needs and expectations.

We will achieve these by

- Involving ourselves as a same family
- Striving for excellence in all that we do



FORMULATED POLYMERS LIMITED

A ISO 9001: 2000; ISO / TS 16949: 2002; ISO 14001: 2004 Certified

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