

20 percent cost savings compared to traditional long glass fiber reinforced polypropylene.

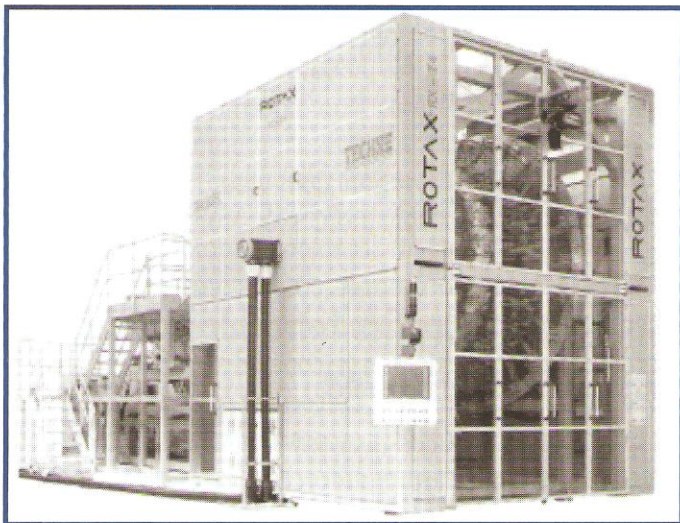
Thermylene I is said to provide a balance of stiffness and toughness over a broad range of temperatures positioning it to replace metal, long glass and many other engineering resin applications. "Automakers will find Thermylene I especially appealing as it offers excellent mechanical and cost performance compared to traditional long glass fiber reinforced polypropylene," says Ramesh Iyer, vice president of commercial operations at Asahi Kasei Plastics.

"Applications that currently use long glass polypropylene will benefit from a cost savings and improved impact resistance, knit line strength, and better flow," says Iyer. "Thermylene I also provides high strength and stiffness at elevated temperatures, isotropic mechanical and dimensional properties and improved fatigue and creep resistance.

"Key automotive applications include front-end modules, instrument panel retainers, battery trays, luggage racks and accelerator brake clutch modules.

It is also ideal for a wide variety of other structural, functional and appearance parts as the glass content can be tailored to the specification for best performance. Thermylene I is available with fiber loadings of 10-60%. Pellet length is 10-12 mm.

Techne Graham launches Rotax RX24



Techne Graham Packaging Company Italia organized a showroom at its headquarters in Castel Guelfo, near Bologna (Italy), to present its mechatronic rotary extrusion and blow moulding machine Rotax. RX24 is a high capability machine in terms of production and redeployment.

The 24 stations in dual parison configuration allow to reach very high production capacities (more than 30,000 containers per hour for 250 ml ones) with a high repeatability. The products which can be manufactured on this machine range from small containers (250 ml to 500 ml) produced in neck to neck, to medium containers (1 to 2 litres) or bigger ones (up to 5L), for food, detergent or lubricants. In case of small containers, a chord adjustment system allows to use appropriate moulds and to limit the production of scraps.

The machine presented during the showroom produces 6-layer 800-ml coround jars for food, neck to neck, for a total capacity of 17,000 bottles per hour. Machine comes with a complete downstream to take out the log, cut the jars and upright them.

India's widest PVC pipe making machine unveiled

Rajoo Bausano, a joint venture between Rajkot-based Rajoo Engineers Limited and Italy's Bausano and Figli SPA, has developed a machine to manufacture 500 mm diameter PVC pipes. Company will export the fully automatic machine with output capacity of 1000 kg/hour to South Africa.

To produce advance technology pipe manufacturing machines company has joined hand with Italy based company 'Bausano' and form new company named Rajoo Bausano Extusion Pvt Ltd in 2010. Rajoo Engineers Limited has 49 % share in the joint venture and Italian company has 51% share.

Aimplas looks at bio packaging for fish

Spain's Technological Institute of Plastics Aimpla, is taking part in a project to develop packaging for fish products out of PP and wheat starch. The Thinfish project, which includes the National Association of