

## Merquinsa continues its focus on TPU specialties

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MERQUINSA launches two major innovations at UTECH 2003

- In the field of Elastomers, *PEARLTHANE® 11T98* based on Merquinsa proprietary “Crystal” TPU technology offers new solutions for the machines and equipment industry for transparent and hard-wearing tubes.

This unique extrusion grade of high hardness (98 Shore A) and low density (1.16) allows the design of transparent tubes requiring high durability and reliability under extreme conditions.

For instance, Pneumatic tubes made from Pearlthane® 11T98 are fully transparent and have optimal bursting pressure and flexibility characteristics. They can also be made fully opaque with Merquinsa Pearlthane® TPU Colour Masterbatches.

- In the field of Adhesives, MERQUINSA, a worldwide leading company in the field of thermoplastic polyurethanes (TPUs) for the adhesives industry, with over 35 years research in polyurethane chemistry, has just launched a new product line under the *DISPERBOND®* trademark, which means an important technological breakthrough.

This new line, first of the *DISPERBOND®* series (patent pending), opens the possibility of a global change, consisting in high quality, environmentally friendly adhesives formulations of two-component PU dispersion adhesives, with characteristics that are similar to the formulations of the solvent-based PU adhesives that are currently used. Moreover, besides being a better product, *DISPERBOND®* is a different item, based on a different technology. Indeed, the product can be supplied in pellet or in dispersion form. The pellets, thanks to a mere transformation process, can be converted by the adhesive makers or by MERQUINSA, into a PU dispersion, with the adequate solids content.



Merquinsa is a world leading thermoplastic polyurethane (TPU) specialty producer, providing globally innovative products for injection molding, extrusion, compounding and adhesives & coatings applications:

- **PEARLSTICK®** TPUs in pellet form for making solvent-based adhesives.
- **PEARLTHANE®** TPUs in pellet form for extrusion, injection molding and compounding applications.

- **PEARLCOAT®** TPUs in pellet form for melt coating applications by calendaring, sintering or extrusion processes, for application on textile substrates with end-uses in industrial coatings (inflatable boats, life-jackets, etc.), as well as for the production of conveyor belts, etc.
- **PEARLBOND®** TPUs in pellet form for making reactive hot melt adhesives, as well as for thermobonding (heat sealing) processes.
- **DISPERBOND®** Dispersible TPUs in pellet form and aqueous TPU dispersions.

Merquinsa headquarters are in Montmeló near Barcelona, Spain with regional centres near Boston in North America and in Hong Kong.

For more information about Merquinsa, please visit the Web site at [www.merquinsa.com](http://www.merquinsa.com) or call:

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