

LEXAN™ RESIN SOLUTION FOR LARGE WATER BOTTLES

TYPICAL INDUSTRY REQUIREMENTS

There is a continual demand for lightweight, re-usable water bottles that require robust designs, stable processes and lower overall costs.

MATERIAL SOLUTIONS

Reusable water bottles made with LEXAN™ polycarbonate resin offer many benefits compared to PVC, PET, HDPE and glass for 10 and 18.9 liter water bottles.

Lexan™ PK2870 resin is a global grade with high melt strength and high impact resistance; a candidate for water bottle applications.

- Lexan™ PK2870 resin has exceptional impact strength and clarity. It is suitable for bottles with and without handles
- Offers outstanding dimensional stability when exposed to high temperatures. This is a critical performance element for repeated wash cycles
- Enabling high flexibility in processing techniques as well as in the design of the bottle itself. One product for both injection blow molding and extrusion blow molding

TYPICAL APPLICATIONS

Lexan™ PK2870 is typically used for the water bottle industry, is food contact approved and complies with EC directive 2002/72/EC food regulations for color transparent blue



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