

## Borealis Bormed™ RB845MO Random Copolymer for Healthcare Applications

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Bormed RB845MO is a random copolymer for blow molding with very good transparency and high contact clarity, very good gloss and surface finish. Bottles in sizes up to 2 quarts molded from Bormed RB845MO can be steam-sterilized at 250°F for 20 minutes because of its high heat distortion temperature (HDT). Bormed RB845MO is designed for pharmaceutical and diagnostic packaging, bottles for parenteral solutions, containers for injectable solutions, and containers for fine chemicals. Information provided by the Manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-Bormed-RB845MO-Random-Copolymer-for-Healthcare-Applications.php](http://www.lookpolymers.com/polymer_Borealis-Bormed-RB845MO-Random-Copolymer-for-Healthcare-Applications.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	1.9 g/10 min @Load 2.16 kg, Temperature 230 °C	1.9 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.2 MPa	3800 psi	At 50 mm/min; ASTM D638
Elongation at Yield	13 %	13 %	At 50 mm/min; ASTM D638
Tensile Modulus	1.00 GPa	145 ksi	At 1 mm/min; ASTM D638
Charpy Impact, Notched	0.700 J/cm <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.0 °C	181 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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