

Borealis Bormed™ RF825MO Polypropylene Copolymer for Healthcare Applications

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

Material Notes:

Bormed RF825MO is a specially modified random copolymer polypropylene with high melt flow intended for use in medical and medical related articles. Bormed RF825MO is characterized by easy processability, high transparency, high gloss and a good stiffness-impact balance. Bormed RF825MO can be sterilized with ethylene oxide or steam and has an excellent chemical resistance. It has good physical properties, a good printability and gives products with excellent transparency. Bormed RF825MO is designed for use in devices such as syringes and needle hubs, blood and urine tubes, catheter connections, screw caps and closures, and laboratory disposable. Information provided by the Manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Bormed-RF825MO-Polypropylene-Copolymer-for-Healthcare-Applications.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in³	ASTM D792
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	28.0 MPa	4060 psi	At 50 mm/min; ASTM D638
Elongation at Yield	12 %	12 %	At 50 mm/min; ASTM D638
Tensile Modulus	1.15 GPa	167 ksi	At 1 mm/min; ASTM D638
Charpy Impact, Notched	0.600 J/cm²	2.86 ft-lb/in²	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China