

## Borealis Bormed™ RE806CF Polypropylene Random Copolymer

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

### Material Notes:

Bormed™ RE806CF is a random copolymer. The material is specially formulated for medical applications. Applications: Bormed™ RE806CF is recommended for medical packaging. Bormed™ RE806CF contains no slip, antiblock, antistatic additives or nucleating additives. Information provided by Borealis AG

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-Bormed-RE806CF-Polypropylene-Random-Copolymer.php](http://www.lookpolymers.com/polymer_Borealis-Bormed-RE806CF-Polypropylene-Random-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ISO 1183
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Modulus	0.500 GPa	72.5 ksi	MD/TD; ISO 527-3
Flexural Modulus	0.900 GPa	131 ksi	50% humidity; ISO 178
Dart Drop, Total Energy	20.0 J @Thickness 0.0500 mm	14.8 ft-lb @Thickness 0.00197 in	1000N; ISO 7765-2
Coefficient of Friction	>= 0.15	>= 0.15	film to film; ISO 8295
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	ISO 527-3
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ISO 527-3

Thermal Properties	Metric	English	Comments
Melting Point	143 °C	289 °F	DSC; ISO 3146
Deflection Temperature at 0.46 MPa (66 psi)	66.0 °C	151 °F	ISO 75-2
Vicat Softening Point	130 °C @Load 1.02 kg	266 °F @Load 2.25 lb	A50; ISO 306

Optical Properties	Metric	English	Comments
Haze	<= 0.50 %	<= 0.50 %	ASTM D1003
Gloss	>= 150 %	>= 150 %	20° of arc; ASTM D2457

Optical Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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