

Borealis Borpact™ BC918CF Polypropylene Copolymer

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

Material Notes:

Borpact™ BC918CF is a high crystalline heterophasic copolymer film resin, based on special Borstar® nucleating technology. Optical properties will not be deteriorated as with conventional homo or copolymers at these temperatures. This grade is especially developed for the manufacturing of unoriented film for various film processing technologies like cast film process, conventional blown film process with air cooling and roll stack process for thermoformable films/sheets. Applications: Borpact™ BC918CF is designed for label film, lamination films, food packaging, stand up pouch film, inner layer in coextrusion, map trays, and vegetable trays. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Borpact-BC918CF-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ISO 1183
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.40 GPa	203 ksi	50% humidity; ISO 178
Charpy Impact, Notched	0.230 J/cm ² @Temperature -20.0 °C	1.09 ft-lb/in ² @Temperature -4.00 °F	ISO 179/1eA
	4.00 J/cm ² @Temperature 23.0 °C	19.0 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	166 °C	331 °F	DSC; ISO 3146
Vicat Softening Point	154 °C @Load 1.02 kg	309 °F @Load 2.25 lb	A50; ISO 306

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