

Borealis Borpact™ BC914TF Polypropylene Copolymer

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

Material Notes:

Borpact™ BC914TF is a high crystalline heterophasic copolymer film resin, based on special Borstar® nucleating technology. 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. Optical properties will not be deteriorated as with conventional homo or copolymers at these temperatures. Applications: Borpact™ BC914TF is recommended for label film, lamination films, food packaging, map trays, stand up pouch film, vegetable trays, and inner layer in coextrusion. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Borpact-BC914TF-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	1.45 GPa	210 ksi	50% humidity; ISO 178
Charpy Impact, Notched	0.200 J/cm ² @Temperature -20.0 °C	0.952 ft-lb/in ² @Temperature -4.00 °F	ISO 179/1eA
	2.50 J/cm ² @Temperature 23.0 °C	11.9 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

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

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