

Borealis BA11CF Polypropylene Copolymer

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

Material Notes:

BA110CF is a heterophasic copolymer. This grade is suitable for use on chill roll processes. This grade is suitable for the manufacturing of unoriented films on cast and tubular quench film lines. Applications: BA110CF is recommended for food packaging, lamination films, stationary films, monoaxial oriented films, and inner layer in co extrusion. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-BA11CF-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 - 0.910 g/cc	0.0325 - 0.0329 lb/in ³	ISO 1183
Melt Flow	0.85 g/10 min @Load 2.16 kg, Temperature 230 °C	0.85 g/10 min @Load 4.76 lb, Temperature 446 °F	50% relative humidity; ISO 1133

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	550 - 750 %	550 - 750 %	ISO 527-3
Film Elongation at Break, TD	550 - 750 %	550 - 750 %	ISO 527-3
Tensile Modulus	0.500 - 0.600 GPa	72.5 - 87.0 ksi	MD/TD; ISO 527-3
Flexural Modulus	1.20 GPa	174 ksi	ISO 178
Dart Drop, Total Energy	25.0 J @Thickness 0.0500 mm	18.4 ft-lb @Thickness 0.00197 in	1100 N force; ISO 7765-2
Film Tensile Strength at Break, MD	40.0 - 60.0 MPa	5800 - 8700 psi	ISO 527-3
Film Tensile Strength at Break, TD	30.0 - 50.0 MPa	4350 - 7250 psi	ISO 527-3

Thermal Properties	Metric	English	Comments
Melting Point	158 - 162 °C	316 - 324 °F	50% humidity, 23°C; ISO 3146
Vicat Softening Point	150 °C @Load 1.02 kg	302 °F @Load 2.25 lb	50% humidity, 23°C; ISO 306

Optical Properties	Metric	English	Comments
Haze	<= 40 %	<= 40 %	ASTM D1003
Gloss	>= 3.0 %	>= 3.0 %	ASTM D2457

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