

Borealis Borsoft™ SA233CF High Impact Polypropylene Random Heterophasic Copolymer for Blown Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Borsoft SA233CF is a very soft random heterophasic copolymer, suitable for use on conventional blown film lines with air-cooling. Borsoft SA233CF is especially suitable for soft packaging, hygienic films, laminating films, multilayer films for medical and textile information, food packaging film, and heavy duty shipping bags. Information provided by the Manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Borsoft-SA233CF-High-Impact-Polypropylene-Random-Heterophasic-Copolymer-for-Blown-Film.php

Physical Properties	Metric	English	Comments
Density	0.900 - 0.910 g/cc	0.0325 - 0.0329 lb/in ³	ISO 1183
Thickness	50.0 microns	1.97 mil	
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 °C	0.80 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ISO 527-3
Film Elongation at Break, TD	900 %	900 %	ISO 527-3
Flexural Modulus	0.400 GPa	58.0 ksi	ISO 178
Secant Modulus, MD	0.350 GPa	50.8 ksi	ISO 527-3
Secant Modulus, TD	0.450 GPa	65.3 ksi	ISO 527-3
Impact	62.5	62.5	Dynatest, Damaging Force (N); ISO 7765-2
Impact Test	0.750 J	0.553 ft-lb	Dynatest, Penetration Energy; ISO 7765-2
Film Tensile Strength at Break, MD	45.0 - 65.0 MPa	6530 - 9430 psi	ISO 527-3
Film Tensile Strength at Break, TD	40.0 - 60.0 MPa	5800 - 8700 psi	ISO 527-3

Thermal Properties	Metric	English	Comments
Melting Point	138 - 142 °C	280 - 288 °F	ISO 3146
Vicat Softening Point	110 °C	230 °F	10 N; ISO 306

Optical Properties	Metric	English	Comments
Haze	50 %	50 %	ASTM D1003
Gloss	3.0 %	3.0 %	At 20°C; 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