

## Borealis Borsoft™ SF203CF Soft Polypropylene Copolymer for Extrusion Coating

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

### Material Notes:

Borsoft SF203CF is a new statistic-heterophasic propylene-ethylene copolymer suitable for coating applications. Its polymer structure permits perfect adhesion to certain products. According to the application, Borsoft SF203CF should be used preferably in blends with PP with high melt strength (HMS). Borsoft SF203CF is specially suitable for sealing layer, textile back sheet, breathable compounds, and soft coating. Information provided by the Manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-Borsoft-SF203CF-Soft-Polypropylene-Copolymer-for-Extrusion-Coating.php](http://www.lookpolymers.com/polymer_Borealis-Borsoft-SF203CF-Soft-Polypropylene-Copolymer-for-Extrusion-Coating.php)

Physical Properties	Metric	English	Comments
Melt Flow	22 g/10 min	22 g/10 min	ISO 1133/DIN 5335
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	14.0 MPa	2030 psi	ISO 527-2
Elongation at Yield	15 %	15 %	ISO 527-2
Tensile Modulus	0.450 GPa	65.3 ksi	ISO 527-2
Flexural Modulus	0.400 GPa	58.0 ksi	DIN 53457/ISO 178
Charpy Impact, Notched	2.50 J/cm <sup>2</sup>	11.9 ft-lb/in <sup>2</sup>	ISO 179/1eA
	0.200 J/cm <sup>2</sup> @Temperature -20.0 °C	0.952 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	35.0 °C	95.0 °F	ISO 75 A
Deflection Temperature at 1.8 MPa (264 psi)	52.0 °C	126 °F	ISO 75 B

## Contact Songhan Plastic Technology Co.,Ltd.

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