

Borealis BorECO™ BA2000 Polypropylene Block Copolymer for Non-Pressure Pipes

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

Material Notes:

BorECO™ BA2000 is a high molecular weight, low melt flow rate polypropylene block copolymer with a good balance of mechanical properties. This grade offers superior stiffness while keeping good impact resistance and shows excellent processability. Applications: BorECO™ BA2000 is recommended for solid wall gravity pipes in the application filed of: underground drainage, sewerage, soil, and waste. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-BorECO-BA2000-Polypropylene-Block-Copolymer-for-Non-Pressure-Pipes.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in³	ISO 1183
Melt Flow	0.30 g/10 min @Load 2.16 kg, Temperature 230 °C	0.30 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	38.0 MPa	5510 psi	50mm/min; ISO 527-2
Elongation at Yield	6.5 %	6.5 %	50mm/min; ISO 527-2
Flexural Modulus	2.00 GPa	290 ksi	1mm/min; ISO 178
Charpy Impact, Notched	0.200 J/cm² @Temperature -20.0 °C	0.952 ft-lb/in² @Temperature -4.00 °F	ISO 179/1eA
	2.90 J/cm² @Temperature 23.0 °C	13.8 ft-lb/in² @Temperature 73.4 °F	ISO 179/1eA

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	200 - 220 °C	392 - 428 °F	cylinder
Die Temperature	210 - 220 °C	410 - 428 °F	
Melt Temperature	210 - 230 °C	410 - 446 °F	
Head Temperature	210 - 230 °C	410 - 446 °F	

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