

## Borealis BA202E Polypropylene Block Copolymer for Non-Pressure Pipes

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

**Material Notes:**

BA202E is a high molecular weight, low melt flow rate polypropylene block copolymer with very high impact strength. Applications: BA202E is recommended for non-pressure pipes & fittings, thin-walled corrugated pipes and profiles. Information provided by Borealis AG

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-BA202E-Polypropylene-Block-Copolymer-for-Non-Pressure-Pipes.php](http://www.lookpolymers.com/polymer_Borealis-BA202E-Polypropylene-Block-Copolymer-for-Non-Pressure-Pipes.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	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
Hardness, Shore D	60	60	ISO 868
Tensile Strength, Yield	28.0 MPa	4060 psi	50mm/min; ISO 527-2
Elongation at Yield	6.0 %	6.0 %	50mm/min; ISO 527-2
Flexural Modulus	1.30 GPa	189 ksi	2mm/min; ISO 178
Charpy Impact, Notched	0.500 J/cm <sup>2</sup> @Temperature -20.0 °C	2.38 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179/1eA
	5.00 J/cm <sup>2</sup> @Temperature 23.0 °C	23.8 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179/1eA

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

### Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215, Fengxian District, Shanghai City, China**