

Polykemi AB POLYfill PPC 200 E20 Polypropylene Copolymer, Elastomer Modified

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

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-POLYfill-PPC-200-E20-Polypropylene-Copolymer-Elastomer-Modified.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Index of Compound	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 32.0 MPa	<= 4640 psi	ISO/R527
Elongation at Yield	17 %	17 %	ISO/R527
Flexural Strength	<= 28.0 MPa	<= 4060 psi	ISO 178
Flexural Modulus	1.20 GPa @Temperature 23.0 °C	174 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	0.450 J/cm ² @Temperature -20.0 °C	2.14 ft-lb/in ² @Temperature -4.00 °F	ISO 179
	2.00 J/cm ² @Temperature 23.0 °C	9.52 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 230 °C	356 - 446 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	
Drying Temperature	70.0 - 80.0 °C	158 - 176 °F	
Dry Time	2 - 4 hour	2 - 4 hour	in circulation dryer
	2 - 4 hour	2 - 4 hour	in desiccant air dryer
Injection Pressure	40.0 - 70.0 MPa	5800 - 10200 psi	
Back Pressure	1.00 - 1.50 MPa	145 - 218 psi	

Processing Properties	Metric	English	Comments
Descriptive Properties	Value		Comments
Holding Pressure ()	> 40		% of injection pressure
Injection Speed ()	Highest possible		

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