

## Polykemi AB SCANBLEND FS7 F20 PBT/ASA Blend, Glass Fiber-Reinforced

Category : Polymer , Thermoplastic , ASA Polymer , Polyester, TP , Polybutylene Terephthalate (PBT) , PBT + ASA Blend, Glass Fiber Reinforced

### Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polykemi-AB-SCANBLEND-FS7-F20-PBTASA-Blend-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Polykemi-AB-SCANBLEND-FS7-F20-PBTASA-Blend-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in <sup>3</sup>	ISO 1183
Filler Content	20 %	20 %	±2%; Polykemi
Melt Index of Compound	17 g/10 min	17 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 260 °C	@Load 11.0 lb, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 57.0 MPa	<= 8270 psi	ISO/R527
Elongation at Break	9.0 %	9.0 %	ISO/R527
Flexural Strength	<= 98.0 MPa	<= 14200 psi	ISO 178
Flexural Modulus	5.50 GPa	798 ksi	ISO 178
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.600 J/cm <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	1.00 J/cm <sup>2</sup>	4.76 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	120°C/h; ISO 75/1
Vicat Softening Point	130 °C	266 °F	50°C/h; ISO 306
	@Load 5.001 kg	@Load 11.03 lb	
	140 °C	284 °F	50°C/h; ISO 306
	@Load 1.00 kg	@Load 2.21 lb	

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

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