

## Polykemi AB POLYshine PBT D201 FB60 PBT, Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

**Material Notes:**

Information provided by Polykemi AB

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polykemi-AB-POLYshine-PBT-D201-FB60-PBT-Reinforced.php](http://www.lookpolymers.com/polymer_Polykemi-AB-POLYshine-PBT-D201-FB60-PBT-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	2.00 g/cc	0.0723 lb/in <sup>3</sup>	ISO 1183
Filler Content	60 %	60 %	±2%; Polykemi

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 100 MPa	<= 14500 psi	ISO/R527
Elongation at Break	4.0 %	4.0 %	ISO/R527
Flexural Strength	<= 150 MPa	<= 21800 psi	ISO 178
Flexural Modulus	12.0 GPa @Temperature 23.0 °C	1740 ksi @Temperature 73.4 °F	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
	0.600 J/cm <sup>2</sup> @Temperature 23.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	190 °C	374 °F	120°C/h; ISO 75/1

## 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