

## Polykemi AB POLYshine PBT D611 PBT

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-D611-PBT.php](http://www.lookpolymers.com/polymer_Polykemi-AB-POLYshine-PBT-D611-PBT.php)

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 45.0 MPa	<= 6530 psi	ISO/R527
Elongation at Break	365 %	365 %	ISO/R527
Flexural Strength	<= 66.0 MPa	<= 9570 psi	ISO 178
Flexural Modulus	1.90 GPa @Temperature 23.0 °C	276 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	1.00 J/cm <sup>2</sup> @Temperature -20.0 °C	4.76 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179
	1.70 J/cm <sup>2</sup> @Temperature 23.0 °C	8.09 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Vicat Softening Point	161 °C @Load 5.001 kg	322 °F @Load 11.03 lb	50°C/h; ISO 306
	218 °C @Load 1.00 kg	424 °F @Load 2.21 lb	50°C/h; ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

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