

## Barlog Plastics KEBATER A9030 PBT, 30% glass fiber reinforced, improved surface quality, reduced warpage

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

### Material Notes:

(PBT+X)-GF30 Information provided by BARLOG plastics GmbH.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Barlog-Plastics-KEBATER-A9030-PBT-30-glass-fiber-reinforced-improved-surface-quality-reduced-warpage.php](http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBATER-A9030-PBT-30-glass-fiber-reinforced-improved-surface-quality-reduced-warpage.php)

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	0.15 %	0.15 %	similar to ISO 62 test

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	145 MPa	21000 psi	ISO 527-1
Elongation at Break	2.5 %	2.5 %	ISO 527-1
Tensile Modulus	10.5 GPa	1520 ksi	ISO 527-1
Charpy Impact Unnotched	6.60 J/cm <sup>2</sup>	31.4 ft-lb/in <sup>2</sup>	ISO 179-1eU
Charpy Impact, Notched	0.800 J/cm <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	ISO 179-1eA

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	225 °C	437 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	205 °C	401 °F	ISO 75-1/-2
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	IEC 60695-11-10

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+17 ohm-cm	1.00e+17 ohm-cm	IEC 60093
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	IEC 60093

Descriptive Properties	Value	Comments
Resin Type	(PBT+X)-GF30	

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## Contact Songhan Plastic Technology Co.,Ltd.

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