

## Barlog Plastics KEBATER BM240 PBT, 40% mineral reinforced, food grade

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

### Material Notes:

(PBT+X)-MD40 Information provided by BARLOG plastics GmbH.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Barlog-Plastics-KEBATER-BM240-PBT-40-mineral-reinforced-food-grade.php](http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBATER-BM240-PBT-40-mineral-reinforced-food-grade.php)

Physical Properties	Metric	English	Comments
Density	1.81 g/cc	0.0654 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	0.15 %	0.15 %	similar to ISO 62 test
Linear Mold Shrinkage, Flow	0.015 cm/cm	0.015 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.014 cm/cm	0.014 in/in	ISO 294-4
Melt Flow	45 g/10 min @Load 2.16 kg, Temperature 260 °C	45 g/10 min @Load 4.76 lb, Temperature 500 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	45.0 MPa	6530 psi	ISO 527-1
Elongation at Break	2.0 %	2.0 %	ISO 527-1
Tensile Modulus	4.00 GPa	580 ksi	ISO 527-1
Charpy Impact Unnotched	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	ISO 179-1eU

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	10°C/min; ISO 11357-1/-3
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	UL Registered; IEC 60695-11-10

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	IEC 60093
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	IEC 60093

Descriptive Properties	Value	Comments
Resin Type	(PBT+X)-MD40	

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

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