

**DSM Arnite® BM4 240 (PBT+PET)-MD20**

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

**Material Notes:**

20% Mineral Reinforced

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DSM-Arnite-BM4-240-PBTPET-MD20.php](http://www.lookpolymers.com/polymer_DSM-Arnite-BM4-240-PBTPET-MD20.php)

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.35 %	0.35 %	Sim. To ISO 62
Moisture Absorption	0.150 %	0.150 %	Sim. To ISO 62
Linear Mold Shrinkage, Flow	0.017 cm/cm	0.017 in/in	Sim. To ISO 294-4
Linear Mold Shrinkage, Transverse	0.014 cm/cm	0.014 in/in	Sim. To ISO 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ISO 527-1/-2
Elongation at Break	2.2 %	2.2 %	ISO 527-1/-2
Tensile Modulus	4.50 GPa	653 ksi	ISO 527-1/-2
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup> @Temperature 23.0 °C	14.3 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179/1eU
Charpy Impact, Notched	0.200 J/cm <sup>2</sup> @Temperature 23.0 °C	0.952 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	195 °C	383 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	ISO 75-1/-2
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	IEC 60695-11-10

**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