

Polyplastic TechnoTep B® 45 D Thermoplastic Elastomer, Mineral Filled

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

High mineral filled, weather stability Information provided by PolyPlastic Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyplastic-TechnoTep-B-45-D-Thermoplastic-Elastomer-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ISO 1183
Melt Flow	3.5 g/10 min @Load 5.00 kg, Temperature 190 °C	3.5 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	ISO 868
Tensile Strength at Break	14.0 MPa	2030 psi	ISO 37
Elongation at Break	450 %	450 %	ISO 37

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 °C	194 °F	Dynamic
	135 °C	275 °F	Static
Brittleness Temperature	-55.0 °C	-67.0 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 200 °C	374 - 392 °F	
Mold Temperature	10.0 - 50.0 °C	50.0 - 122 °F	

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