

Fiberfil® M-2450 BK9083 Polypropylene Copolymer, 20% Talc

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by FIBERFIL Engineered Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fiberfil-M-2450-BK9083-Polypropylene-Copolymer-20-Talc.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ISO 1183
Melt Flow	1.0 g/10 min	1.0 g/10 min	less than, 230/2.16 (typical); ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO 527
Elongation at Yield	80 %	80 %	ISO 527
Tensile Modulus	2.100 GPa	304.6 ksi	ISO 527
Flexural Strength	35.0 MPa	5080 psi	ISO 178
Flexural Modulus	1.25 GPa	181 ksi	ISO 178
Izod Impact, Notched (ISO)	26.5 kJ/m ²	12.6 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 Â°C	203 Â°F	ISO 75-2
Deflection Temperature at 1.8 MPa (264 psi)	55.0 Â°C	131 Â°F	ISO 75-2

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