

Matrixx Group 80S7451 45% Glass Reinforced PET (discontinued **)

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 50% Glass Reinforced

Material Notes:

Data provided by The Matrixx Group, formerly RePlas.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Matrixx-Group-80S7451-45-Glass-Reinforced-PET-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	73°F; ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	172 MPa	25000 psi	0.125 in; ASTM D638
Flexural Modulus	13.8 GPa	2000 ksi	Tangent, 0.125 in; ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	0.125 in, 73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	Relative Thermal Index; UL746
Deflection Temperature at 0.46 MPa (66 psi)	238 °C	460 °F	0.125 in; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	218 °C	425 °F	0.125 in; ASTM D 648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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