

Matrixx Group 85S7451 Flame Retardant 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-85S7451-Flame-Retardant-45-Glass-Reinforced-PET-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	73°F; ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	152 MPa	22000 psi	0.125 in; ASTM D638
Flexural Modulus	12.4 GPa	1800 ksi	Tangent, 0.125 in; ASTM D790
Izod Impact, Notched	0.747 J/cm	1.40 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)	204 °C	400 °F	0.125 in; ASTM D 648
Flammability, UL94	V-0	V-0	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	5VA	5VA	
	@Thickness 3.00 mm	@Thickness 0.118 in	

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