

Polyram RamTough PZ320G2 Polycarbonate, 10% Glass Fiber, Flame Retardant

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 10% Glass Filled

Material Notes:

10% glass fiber reinforced, flame retardant polycarbonate for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamTough-PZ320G2-Polycarbonate-10-Glass-Fiber-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	DIN 53479
Water Absorption	0.12 %	0.12 %	DIN 53495
Melt Flow	10 g/10 min @Load 1.20 kg, Temperature 300 °C	10 g/10 min @Load 2.65 lb, Temperature 572 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	ASTM-D638
Elongation at Break	15 %	15 %	ASTM-D638
Tensile Modulus	3.10 GPa	450 ksi	ASTM-D790
Flexural Strength	100 MPa	14500 psi	ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM-D790
Izod Impact, Notched	1.00 J/cm @Temperature 23.0 °C	1.87 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	

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