

## Polyram RamTough PZ322G2 Polycarbonate, 10% Glass Fiber

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

**Material Notes:**

10% glass fiber reinforced 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-PZ322G2-Polycarbonate-10-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamTough-PZ322G2-Polycarbonate-10-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	DIN 53479
Water Absorption	0.12 %	0.12 %	DIN 53495
Linear Mold Shrinkage	0.0045 cm/cm	0.0045 in/in	
Melt Flow	25 g/10 min @Load 1.20 kg, Temperature 300 °C	25 g/10 min @Load 2.65 lb, Temperature 572 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM-D638
Elongation at Break	12 %	12 %	ASTM-D638
Tensile Modulus	3.40 GPa	493 ksi	ASTM-D790
Flexural Strength	85.0 MPa	12300 psi	ASTM D790
Flexural Modulus	2.90 GPa	421 ksi	ASTM-D790
Izod Impact, Notched	0.600 J/cm @Temperature 23.0 °C	1.12 ft-lb/in @Temperature 73.4 °F	ASTM-D256

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

## Contact Songhan Plastic Technology Co.,Ltd.

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