

Polyram RamShine PW310G13 SAN, 13% Glass Fiber

Category : Polymer , Thermoplastic , SAN Polymer , Styrene Acrylonitrile (SAN), Molded, Glass Reinforced

Material Notes:

13% glass fiber reinforced SAN for low warpage and high rigidity injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamShine-PW310G13-SAN-13-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	DIN 53479
Water Absorption	0.10 %	0.10 %	DIN 53495
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	90.0 MPa	13100 psi	ASTM-D638
Elongation at Break	2.5 %	2.5 %	ASTM-D638
Flexural Strength	140 MPa	20300 psi	ASTM-D790
Flexural Modulus	5.00 GPa	725 ksi	ASTM-D790
Izod Impact, Notched	0.750 J/cm @Temperature 23.0 °C	1.41 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	DIN 53482
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	DIN 53482

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