

## Polyram RamShine PV300G2 ABS, 10% Glass Fiber

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 10% Glass Fiber Filled

### Material Notes:

10% glass fiber reinforced ABS for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamShine-PV300G2-ABS-10-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamShine-PV300G2-ABS-10-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	DIN 53479
Water Absorption	0.14 %	0.14 %	DIN 53495
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	
Melt Flow	10 g/10 min @Load 10.0 kg, Temperature 220 °C	10 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	65.0 MPa	9430 psi	ASTM-D638
Elongation at Break	3.0 %	3.0 %	ASTM-D638
Tensile Modulus	3.30 GPa	479 ksi	ASTM-D790
Flexural Strength	80.0 MPa	11600 psi	ASTM-D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM-D790
Izod Impact, Notched	0.850 J/cm @Temperature 23.0 °C	1.59 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	DIN 53461
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

## **Contact Songhan Plastic Technology Co.,Ltd.**

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