

## Polyram RamShine PV300G4 ABS, 20% Glass Fiber

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 20% Glass Fiber Filled

### Material Notes:

20% glass fiber reinforced, heat resistant and minimal mold shrinkage 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-PV300G4-ABS-20-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamShine-PV300G4-ABS-20-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	DIN 53479
Water Absorption	0.14 %	0.14 %	DIN 53495
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	
Melt Flow	7.5 g/10 min @Load 10.0 kg, Temperature 220 °C	7.5 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM-D785
Tensile Strength, Yield	70.0 MPa	10200 psi	ASTM-D638
Elongation at Break	2.0 %	2.0 %	ASTM-D638
Flexural Strength	110 MPa	16000 psi	ASTM-D790
Flexural Modulus	5.00 GPa	725 ksi	ASTM-D790
Izod Impact, Notched	0.900 J/cm @Temperature 23.0 °C	1.69 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

Electrical Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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