

Polyram RamShine PV201 ABS, High Flow

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

High flow 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-PV201-ABS-High-Flow.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	
Melt Flow	25 g/10 min @Load 10.0 kg, Temperature 220 °C	25 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM-D785
Tensile Strength, Yield	55.0 MPa	7980 psi	ASTM-D638
Elongation at Break	35 %	35 %	ASTM-D638
Flexural Strength	90.0 MPa	13100 psi	ASTM-D790
Flexural Modulus	2.70 GPa	392 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
Deflection Temperature at 1.8 MPa (264 psi)	88.0 °C	190 °F	DIN 53461
Vicat Softening Point	100 °C	212 °F	ASTM-D1525
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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