

Polyram RamShine PV801 ABS, Impact Modified

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

Material Notes:

Impact modified 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-PV801-ABS-Impact-Modified.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	
Melt Flow	15 g/10 min @Load 10.0 kg, Temperature 220 °C	15 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	101	101	ASTM-D785
Tensile Strength, Yield	47.0 MPa	6820 psi	ASTM-D638
Elongation at Break	25 %	25 %	ASTM-D638
Flexural Strength	74.0 MPa	10700 psi	ASTM-D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM-D790
Izod Impact, Notched	3.00 J/cm @Temperature 23.0 °C	5.62 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	91.0 °C	196 °F	DIN 53461
Vicat Softening Point	98.0 °C	208 °F	ASTM-D1525
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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