

Polyram RamShine PV701 ABS, UV Stabilized

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

Material Notes:

UV stabilized 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-PV701-ABS-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	DIN 53479
Water Absorption	0.30 %	0.30 %	DIN 53495
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	
Melt Flow	22 g/10 min @Load 10.0 kg, Temperature 220 °C	22 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	ASTM-D638
Elongation at Break	35 %	35 %	ASTM-D638
Tensile Modulus	2.15 GPa	312 ksi	ASTM-D790
Flexural Strength	65.0 MPa	9430 psi	ASTM-D790
Flexural Modulus	2.00 GPa	290 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)	84.0 °C	183 °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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