

Polyram RamShine PVS701 AES, UV Stabilized

Category : Polymer , Thermoplastic , AES Polymer , AES, Extruded

Material Notes:

UV stabilized injection molding AES Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamShine-PVS701-AES-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	
Melt Flow	11 g/10 min @Load 2.10 kg, Temperature 220 °C	11 g/10 min @Load 4.63 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM-D785
Tensile Strength, Yield	50.0 MPa	7250 psi	ASTM-D638
Elongation at Break	12 %	12 %	ASTM-D638
Tensile Modulus	2.40 GPa	348 ksi	ASTM-D790
Flexural Strength	70.0 MPa	10200 psi	ASTM-D790
Flexural Modulus	2.00 GPa	290 ksi	ASTM-D790
Izod Impact, Notched	2.40 J/cm @Temperature 23.0 °C	4.50 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Hot Ball Pressure Test	90.0 °C	194 °F	
Deflection Temperature at 1.8 MPa (264 psi)	89.0 °C	192 °F	DIN 53461

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