

Polyram RamShine PAS100 ASA, General Purpose

Category : Polymer , Thermoplastic , ASA Polymer , Acrylonitrile/Styrene/Acrylate (ASA), Unreinforced, Molded

Material Notes:

General purpose injection molding ASA Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamShine-PAS100-ASA-General-Purpose.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	5.0 g/10 min @Load 2.10 kg, Temperature 220 °C	5.0 g/10 min @Load 4.63 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM-D638
Elongation at Break	20 %	20 %	ASTM-D638
Tensile Modulus	1.90 GPa	276 ksi	ASTM-D790
Flexural Strength	60.0 MPa	8700 psi	ASTM-D790
Flexural Modulus	1.80 GPa	261 ksi	ASTM-D790
Izod Impact, Notched	1.50 J/cm @Temperature 23.0 °C	2.81 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 0.46 MPa (66 psi)	101 °C	214 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	96.0 °C	205 °F	DIN 53461

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	DIN 53482

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China