

Polyram RamLloy PJ701 ABS/ASA, General Purpose

Category : Polymer , Thermoplastic , ABS Polymer , ASA Polymer

Material Notes:

PJ 701 IS A GENERAL PURPOSE INJECTION MOLDING ASA& ABS ALLOY . IT HAS GOOD MECHANICAL PROPERTIES SIMILAR TO ABS AND MUCH BETTER WEATHER RESISTANCE. AN IDEAL ECONOMIC CHOICE.Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamLloy-PJ701-ABSASA-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	15 g/10 min @Load 2.10 kg, Temperature 220 °C	15 g/10 min @Load 4.63 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	ASTM-D638
Elongation at Break	90 %	90 %	ASTM-D638
Tensile Modulus	1.80 GPa	261 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	5.62 ft-lb/in	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

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