

Polyram RamLloy PVB101 ABS/NYLON alloy, Impact Modified

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

Material Notes:

Impact modified ABS/NYLON alloy for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamLloy-PVB101-ABSNYLON-alloy-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0080 - 0.010 cm/cm	0.0080 - 0.010 in/in	
Melt Flow	5.0 g/10 min @Load 5.00 kg, Temperature 240 °C	5.0 g/10 min @Load 11.0 lb, Temperature 464 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM-D638
Elongation at Break	200 %	200 %	ASTM-D638
Tensile Modulus	1.25 GPa	181 ksi	ASTM-D790
Flexural Strength	60.0 MPa	8700 psi	ASTM-D790
Flexural Modulus	1.40 GPa	203 ksi	ASTM-D790
Izod Impact, Notched	6.00 J/cm @Temperature 23.0 °C	11.2 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	DIN 53461

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