

Polyram RamOfin PPC717 Polypropylene, UV Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

UV stabilized polypropylene copolymer for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamOfin-PPC717-Polypropylene-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	DIN 53479
Water Absorption	>= 0.030 %	>= 0.030 %	DIN 53495
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 230 °C	3.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	78	78	ASTM-D785
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM-D638
Elongation at Break	300 %	300 %	ASTM-D638
Flexural Modulus	1.10 GPa	160 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 1.8 MPa (264 psi)	80.0 °C	176 °F	DIN 53461

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+17 ohm-cm	1.00e+17 ohm-cm	DIN 53482
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	DIN 53482
Dielectric Constant	2.3 @Frequency 1e+6 Hz	2.3 @Frequency 1e+6 Hz	VDE 0303/4

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