

Polyram RamTough PZ715 Polycarbonate, UV Stabilized

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, UV Stabilized

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamTough-PZ715-Polycarbonate-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	DIN 53479
Water Absorption	0.023 - 0.026 %	0.023 - 0.026 %	DIN 53495
Linear Mold Shrinkage	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	65.0 MPa	9430 psi	ASTM-D638
Elongation at Break	120 %	120 %	ASTM-D638
Flexural Strength	85.0 MPa	12300 psi	ASTM D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM-D790
Izod Impact, Notched	9.00 J/cm @Temperature 23.0 °C	16.9 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-2 @Thickness 3.00 mm	V-2 @Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Dielectric Strength	25.0 kV/mm	635 kV/in	VDE 0303/4

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