

Polyram Polytron P40N11 Polypropylene, 40% Long Glass Fibers

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Glass Fiber Filler

Material Notes:

A chemically coupled 40% long glass fiber reinforced natural polypropylene, heat stabilized, for injection molding applications. Information provided by Polyram.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-Polytron-P40N11-Polypropylene-40-Long-Glass-Fibers.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0012 cm/cm	0.0012 in/in	ISO 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	120 MPa	17400 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Tensile Modulus	10.0 GPa	1450 ksi	ISO 527
Flexural Strength	200 MPa	29000 psi	ISO 178
Flexural Modulus	6.70 GPa	972 ksi	ISO 178
Izod Impact, Notched (ISO)	20.0 kJ/m ²	9.52 ft-lb/in ²	ISO 180
Charpy Impact Unnotched	6.50 J/cm ²	30.9 ft-lb/in ²	ISO 179
Charpy Impact, Notched	2.20 J/cm ²	10.5 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	168 °C	334 °F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	152 °C	306 °F	ISO 75
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	
Flame Spread	22 mm/min	0.87 in/min	FMVSS302

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