

IRPC Polimaxx Polene 1111NX TA8 Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:CHARACTERISTICS: POLYPROPYLENE HOMOPOLYMER WITH 40% TALCUM REINFORCED HIGH STIFFNESS
APPLICATIONS: INJECTION MOLDING FOR AUTOPARTS, ELECTRICAL APPLIANCES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-1111NX-TA8-Polypropylene-Compound.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	ASTM D792
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	101	101	ASTM D785
Tensile Strength, Yield	35.8 MPa	5190 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Yield Strength	54.9 MPa	7970 psi	ASTM D790
Flexural Modulus	7.50 GPa	1090 ksi	ASTM D790
Izod Impact, Notched	0.216 J/cm @Temperature 23.0 °C	0.404 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	147 °C	297 °F	ASTM D648

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