

IRPC Polimaxx Polene 2511PCX TA6 Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

CHARACTERISTICS: POLYPROPYLENE BLOCK COPOLYMER WITH 30% TALCUM REINFORCED HIGH IMPACT STRENGTHAPPLICATIONS:
INJECTION MOLDING FOR AUTOPARTS, ELECTRICAL APPLIANCES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-2511PCX-TA6-Polypropylene-Compound.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 230 °C	13 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Flexural Yield Strength	38.2 MPa	5550 psi	ASTM D790
Flexural Modulus	3.60 GPa	522 ksi	ASTM D790
Izod Impact, Notched	0.490 J/cm @Temperature 23.0 °C	0.918 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	140 °C	284 °F	ASTM D648

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