

IRPC Polimaxx Polene 2311KX TA4 Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

CHARACTERISTICS: POLYPROPYLENE BLOCK COPOLYMER WITH 20% TALCUM REINFORCED, HIGH IMPACT STRENGTH
APPLICATIONS: INJECTION MOLDING FOR AUTOPARTS, ELECTRICAL APPLIANCES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-2311KX-TA4-Polypropylene-Compound.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Melt Flow	4.5 g/10 min @Load 2.16 kg, Temperature 230 °C	4.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	32.9 MPa	4770 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Yield Strength	46.1 MPa	6680 psi	ASTM D790
Flexural Modulus	3.10 GPa	450 ksi	ASTM D790
Izod Impact, Notched	0.471 J/cm @Temperature 23.0 °C	0.882 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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