

IRPC Polimaxx Polene 2100N Polypropylene Block Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

CHARACTERISTICS: MEDIUM FLOW, HIGH STIFFNESS
APPLICATIONS: INJECTION MOLDING FOR HOUSEWARES, ELECTRICAL PARTS, AUTOPARTS

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-2100N-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 °C	11 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	21 %	21 %	ASTM D638
Flexural Modulus	1.35 GPa	196 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.420 J/cm ² @Temperature -20.0 °C	2.00 ft-lb/in ² @Temperature -4.00 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 240 °C	374 - 464 °F	

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