

IRPC Polimaxx Polene 2300NC Polypropylene Block Copolymer

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

Material Notes:CHARACTERISTICS: MEDIUM FLOW, GOOD IMPACT
APPLICATIONS: INJECTION MOLDING FOR AUTOPARTS, ELECTRICAL APPLIANCES,
FURNITURES, CRATES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-2300NC-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
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	98	98	ASTM D785
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Yield	20 %	20 %	ASTM D638
Flexural Modulus	1.30 GPa	189 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.580 J/cm ² @Temperature -20.0 °C	2.76 ft-lb/in ² @Temperature -4.00 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 °C	208 °F	ASTM D648

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

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