

IRPC Polimaxx Polene 2300LC Polypropylene Block Copolymer

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

Material Notes:

CHARACTERISTICS: HIGH IMPACT APPLICATIONS: INJECTION MOLDING FOR FURNITURES, HOUSEWARES, CLOSURES, CONTAINERS, CRATES, AUTOPARTS AND ELECTRICAL APPLIANCES

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	6.0 g/10 min @Load 4.76 lb, Temperature 446 Â°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	0.650 J/cmÂ² @Temperature -20.0 Â°C	3.09 ft-lb/inÂ² @Temperature -4.00 Â°F	DIN 53453

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

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

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