

IRPC Polimaxx Polene 2300NCA Polypropylene Block Copolymer

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

Material Notes:

CHARACTERISTICS: HIGH STIFFNESS, HIGH IMPACT, MEDIUM FLOW, HEAT STABILITY CONTAIN UV STABILIZER ADDITIVE

APPLICATIONS: INJECTION MOLDING SPECIALLY FOR BATTERY CASES, AUTOPARTS AND ELECTRICAL APPLIANCES

Order this product through the following link:

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

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	17 %	17 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.750 J/cmÂ² @Temperature -20.0 Â°C	3.57 ft-lb/inÂ² @Temperature -4.00 Â°F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 Â°C	248 Â°F	ASTM D648

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

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