

IRPC Polimaxx Polene 2500H Polypropylene Block Copolymer

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

Material Notes:

CHARACTERISTICS: EXCELLENT HIGH IMPACT, HIGH TOUGHNESS GOOD EXTRUDABILITY
 APPLICATIONS: SHEET / BLOW MOLD EXTRUSION AND INJECTION MOLDING FOR CORRUGATE SHEETS, SHEETS FOR FILE, HOUSEWARES, CONTAINERS, CRATES, PALLETS, PAINT DRUMS, ELECTRICAL PARTS, AUTOPARTS, TOYS, BOTTLES AND BOTTOM SEATS FOR MOTORCYCLES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-2500H-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Å°C	@Load 4.76 lb, Temperature 446 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	87	87	ASTM D785
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Yield	22 %	22 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.630 J/cmÅ²	3.00 ft-lb/inÅ²	DIN 53453
	@Temperature -20.0 Å°C	@Temperature -4.00 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 Å°C	198 Å°F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 250 Å°C	338 - 482 Å°F	

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