

IRPC Polimaxx Polene 2541TC Polypropylene Block Copolymer

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

Material Notes:

CHARACTERISTICS: EXCELLENT FLOWABILITY, HIGH STIFFNESS, HEAT STABILITY, HIGH IMPACT
 APPLICATIONS: INJECTION MOLDING
 SPECIALLY FOR WASHING TUB, ELECTRICAL APPLIANCES, THIN WALL CONTAINERS

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-2541TC-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 230 Å°C	50 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Elongation at Yield	13 %	13 %	ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.720 J/cmÅ² @Temperature -20.0 Å°C	3.43 ft-lb/inÅ² @Temperature -4.00 Å°F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 Å°C	223 Å°F	ASTM D648

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

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