

IRPC Polimaxx Polene 1111R Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

CHARACTERISTICS: EXCELLENT HIGH STIFFNESS, HEAT STABILITY, HIGH FLOW CONTAIN LONG TERM HEAT AGING ADDITIVE

APPLICATIONS: INJECTION MOLDING FOR ELECTRICAL APPLIANCES, COFFEE MAKER, HAIR DRYER

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-1111R-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 Å°C	20 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D785
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Yield	22 %	22 %	ASTM D638
Flexural Modulus	1.85 GPa	268 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.230 J/cmÅ² @Temperature 23.0 Å°C	1.09 ft-lb/inÅ² @Temperature 73.4 Å°F	DIN 53453

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	129 Å°C	264 Å°F	ASTM D648

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

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