

IRPC Polimaxx Polene 3342R Polypropylene Random Copolymer

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

Material Notes:

CHARACTERISTICS: HIGH CLARITY, HIGH FLOW, GOOD PROCESSABILITY APPLICATIONS: INJECTION MOLDING FOR FOOD CONTAINERS, HOUSEWARES, CRATES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-3342R-Polypropylene-Random-Copolymer.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	94	94	ASTM D785
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	35 %	35 %	ASTM D638
Flexural Modulus	1.08 GPa	157 ksi	1% Secant; ASTM D790
Izod Impact, Notched	0.380 J/cm @Temperature 23.0 Â°C	0.712 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	83.0 Â°C	181 Â°F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 230 Â°C	356 - 446 Â°F	

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