

IRPC Polimaxx Polene 3342M Polypropylene Random Copolymer

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

Material Notes:

CHARACTERISTICS: HIGH CLARITY, GOOD FLOW, GOOD PROCESSABILITY APPLICATIONS: INJECTION MOLDING, INJECTION STRETCH BLOW MOLDING (ISBM) FOR FOOD CONTAINERS, BOTTLES, HOUSEWARES, CRATES

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

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	36.5 %	36.5 %	ASTM D638
Flexural Modulus	1.08 GPa	157 ksi	1% Secant; ASTM D790
Izod Impact, Notched	0.420 J/cm	0.787 ft-lb/in	ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

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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