

M. Holland Company RP200 Polypropylene Copolymer

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

Material Notes:

Features: High Clarity Uses: Bottles, Food Containers Approvals: FDA 21 CFR 177.1520 Processing Method: Extrusion Blow Molding, Injection Blow Molding Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-RP200-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D1505
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	ASTM D2240
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	Tangent; ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.8 °C	208 °F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Form	Pellets	

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