

M. Holland Company PP400 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Features: Medium Flow, General Purpose Uses: Closures, Food Containers, Household Goods, Vials Approvals: FDA 21 CFR

177.1520 Processing Method: Injection Molding Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-PP400-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D785
Tensile Strength, Yield	32.8 MPa	4750 psi	Type I, 2 in/min; ASTM D638
Elongation at Break	14 %	14 %	Type I, 2 in/min; ASTM D638
Flexural Modulus	1.55 GPa	225 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	164 °C	327 °F	

Descriptive Properties	Value	Comments
Form	Pellets	

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