

JPJ Technologies PP HC9012-M PP Homopolymer Injection Molding

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

Material Notes:

Information provided by JPJ Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_JPJ-Technologies-PP-HC9012-M-PP-Homopolymer-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
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
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Yield	26 %	26 %	ASTM D638
1% Secant Modulus	2200 MPa	319000 psi	ASTM D790A
Izod Impact, Notched	0.250 J/cm	0.468 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648

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