

JPJ Technologies PP PE35-1 Impact copolymer for Injection Molding

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

Material Notes:

PP M700R is impact copolymer of good fluidity, excellent impact resistance at low temperature, good rigid-tough balance and improves stiffness. Products made from this resin are characterized by fast processing and excellent processability. Application: Automotive Parts
Information provided by JPJ Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_JPJ-Technologies-PP-PE35-1-Impact-copolymer-for-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.4 MPa	3100 psi	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
1% Secant Modulus	1100 MPa	160000 psi	ASTM D790A
Izod Impact, Notched	1.30 J/cm	2.44 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	ASTM D648

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