

Reliance Industries Repol D120MA Polypropylene

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

Material Notes:

REPOL Polypropylene D120MA is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system. Repol D120MA is recommended for use in injection molded processes where high impact strength is required. It is an ideal material for compounding, automotive components, luggage etc. Repol D120MA contains antistatic agent that reduces static charge build up on products. Features: High flow behavior Good stiffness-impact balance Good surface gloss Low static charge build up and reduced dust pickup Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-D120MA-Polypropylene.php

Physical Properties	Metric	English	Comments
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	19.0 MPa	2760 psi	50mm/min; ASTM D638
Elongation at Yield	10 %	10 %	50mm/min; ASTM D638
Flexural Modulus	0.800 GPa	116 ksi	1% secant; ASTM D790A
Izod Impact, Notched	2.50 J/cm @Temperature 23.0 °C	4.68 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM D648

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