

Reliance Industries Repol B120MA Polypropylene

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

Material Notes:

REPOL Polypropylene B120MA 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 B120MA is recommended for use in injection molding processes where medium impact strength is required. It is an ideal material for housewares, thermowares, sanitarywares, furniture, industrial and automotive components. Repol B120MA 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-B120MA-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	24.0 MPa	3480 psi	50mm/min; ASTM D638
Elongation at Yield	10 %	10 %	50mm/min; ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.700 J/cm @Temperature 23.0 °C	1.31 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648

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