

Reliance Industries Repol B220MN Polypropylene

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

Material Notes:

REPOL Polypropylene B220MN 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 B220MN is recommended for use in injection molding processes where high flow and medium impact strength are required. It is an ideal material for rigid packaging, automotive components, housewares and appliances parts. Repol B220MN contains nucleating agent. Features:Excellent flow characteristics Short molding cycleConsistent processabilityGood stiffness-impact balanceGood surface glossInformation provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-B220MN-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	22 g/10 min @Load 2.16 kg, Temperature 230 °C	22 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	50mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	50mm/min; ASTM D638
Flexural Modulus	1.10 GPa	160 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)	105 °C	221 °F	ASTM D648

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