

Reliance Industries Repol H200MK Polypropylene

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

Material Notes:

REPOL Polypropylene H200MK 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 H200MK is recommended for use in injection molding processes. It is an ideal material for molding syringes and clear rigid articles with intricate, long flow paths and multicavity molding. Repol H200MK contains clarifier and antistatic agent that reduces static charge build up on products. Features: Low static charge build-up and reduced dust pickupImproved clarityGood flow behaviorConsistent processabilityExcellent stiffness and color stabilityInformation provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H200MK-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	50mm/min; ASTM D638
Elongation at Yield	11 %	11 %	50mm/min; ASTM D638
Flexural Modulus	1.70 GPa	247 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.260 J/cm @Temperature 23.0 °C	0.487 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648

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