

Reliance Industries Repol H110MS Polypropylene

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

Material Notes:

REPOL Polypropylene H110MS 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 H110MS is recommended for injection molding processes. Repol H110MS is an ideal choice for molding furnitures. It is also suitable for applications where high stiffness is desired. Repol H110MS contains antistat agent that reduces static charge build-up on products. Features: High stiffness Low static charge buildup and reduced dust pickup Consistent processability Excellent color and processing stability Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H110MS-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 °C	11 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	50mm/min; ASTM D638
Elongation at Yield	10 %	10 %	50mm/min; ASTM D638
Flexural Modulus	1.75 GPa	254 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.350 J/cm @Temperature 23.0 °C	0.656 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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