

Reliance Industries Repol H200MA Polypropylene

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

Material Notes:

REPOL Polypropylene H200MA 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 H200MA is recommended for use in injection molding processes. It is an ideal material for molding articles with intricate, long flow paths and multicavity molding. Repol H200MA contains antistatic agent that reduces static charge build up on products. Features: Low static charge build-up and reduced dust pickup Good flow behavior Consistent processability Excellent color stability Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H200MA-Polypropylene.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	50mm/min; ASTM D638
Elongation at Yield	11 %	11 %	50mm/min; ASTM D638
Flexural Modulus	1.65 GPa	239 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.270 J/cm	0.506 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	ASTM D648

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