

Reliance Industries Repol H033MG Polypropylene

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

Material Notes:

REPOL Polypropylene H033MG 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 H033MG is recommended for injection molding of products where short flow paths are involved. Repol H033MG is an ideal choice for molding small industrial components, textile bobbins, caps, combs, toys etc. It is also suitable as a blending material in furniture compound. Features: Easy and 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-H033MG-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	3.3 g/10 min	3.3 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	34.5 MPa	5000 psi	50mm/min; ASTM D638
Elongation at Yield	11.5 %	11.5 %	50mm/min; ASTM D638
Flexural Modulus	1.70 GPa	247 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.400 J/cm	0.749 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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