

Reliance Industries Repol H007EG Polypropylene

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

Material Notes:

REPOL Polypropylene H007EG 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 H007EG is recommended for use in extrusion and blow molding processes. It is an ideal material for making sheets and deep drawn thermoformed products, pipes, filter presses, strappings and blow molded bottles. Features: Good processing stability High melt strength Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H007EG-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 230 °C	0.70 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.0 MPa	4930 psi	50mm/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	50mm/min; ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.480 J/cm @Temperature 23.0 °C	0.899 ft-lb/in @Temperature 73.4 °F	ASTM D256

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

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