

Reliance Industries Repol H100EY Polypropylene

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

Material Notes:

REPOL Polypropylene H100EY 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 H100EY is recommended for use in TQ (Tubular water Quench) and Cast Film. It contains slip and antiblock additives. Repol H100EY is an ideal material for textile overwraps, packaging of readymade garments, snack food, grocery and general purpose packaging. Features: Consistent processability Good gloss and clarity High melt strength Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H100EY-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	35.0 MPa	5080 psi	50mm/min; ASTM D638
Elongation at Yield	10 %	10 %	50mm/min; ASTM D638
Flexural Modulus	1.60 GPa	232 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)	104 °C	219 °F	ASTM D648

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