

Reliance Industries Repol H250FG Polypropylene

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

Material Notes:

REPOL Polypropylene H250FG 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 H250FG is recommended for use in fiber spinning operations, for making multifilament yarn and staple fiber. Features: Good spinning characteristics Consistent processability at high line speeds Good color stability High tensile properties Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H250FG-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 °C	25 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	11 %	11 %	50mm/min; ASTM D638
Flexural Modulus	1.65 GPa	239 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.250 J/cm @Temperature 23.0 °C	0.468 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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