

Reliance Industries Repol H029SG Polypropylene

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

Material Notes:

REPOL Polypropylene H029SG is being manufactured using Unipol PP process, which combines the production efficiency of gas phase fluidized bed reactor with the high activity stereospecific catalyst system. Repol H029SG is recommended for use in Oriented Film process. Repol H029SG is the material of choice for BOPP films used in adhesive tapes, food packaging, cigarette & textile overwraps, lamination, synthetic paper etc. Features: High tensile strength Excellent gloss and clarity Good processability Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H029SG-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	2.9 g/10 min @Load 2.16 kg, Temperature 230 °C	2.9 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	50mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	50mm/min; ASTM D638
Flexural Modulus	1.65 GPa	239 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.400 J/cm @Temperature 23.0 °C	0.749 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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