

Reliance Industries Polypropylene Homopolymer

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

Material Notes:

Typical properties of Reliance - Repol Polypropylene grades Information provided by Reliance Industries

Order this product through the following link:

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 - 36.0 MPa	4640 - 5220 psi	
Elongation at Yield	8.0 - 11 %	8.0 - 11 %	
Flexural Modulus	1.40 - 1.70 GPa	203 - 247 ksi	
Izod Impact, Notched	0.250 J/cm	0.468 ft-lb/in	fiber
	0.480 J/cm	0.899 ft-lb/in	blow molding

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 - 120 °C	219 - 248 °F	

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