

Pasargad Polymer Peyvand Pasalen 3P-H3230B1 Polypropylene, 30% Mineral Filled Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Form: Pellets Processing Method: Injection Molding Uses: Automotive Application Furniture Appliance Components Automotive Exterior Parts Automotive Interior Parts Information provided by Pasargad Polymer Peyvand Co

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pasargad-Polymer-Peyvand-Pasalen-3P-H3230B1-Polypropylene-30-Mineral-Filled-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ISO 1183
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	ISO 527-2
Elongation at Break	50 %	50 %	ISO 527-2
Tensile Modulus	2.25 GPa	326 ksi	ISO 527-2
Charpy Impact Unnotched	8.00 J/cm ²	38.1 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	ISO 11357-3
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	Unannealed; ISO 75-2/C

Descriptive Properties	Value	Comments
Color	Black	

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