

Pasargad Polymer Peyvand Pasalen 3P-H3240B Polypropylene, 40% 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-H3240B-Polypropylene-40-Mineral-Filled-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ISO 1183
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	ISO 527-2
Elongation at Break	40 %	40 %	ISO 527-2
Tensile Modulus	2.30 GPa	334 ksi	ISO 527-2
Charpy Impact Unnotched	9.00 J/cm ²	42.8 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	1.10 J/cm ²	5.23 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)	105 °C	221 °F	Unannealed; ISO 75-2/C

Descriptive Properties	Value	Comments
Color	Black	

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