

Pasargad Polymer Peyvand Pasalen 3P-H3130B Polypropylene, 30% Glass Fiber 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-H3130B-Polypropylene-30-Glass-Fiber-Reinforced.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.14 g/cc | 0.0412 lb/in ³ | ISO 1183 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------------------|----------------------------|-------------|
| Tensile Strength at Break | 65.0 MPa | 9430 psi | ISO 527-2 |
| Elongation at Break | 4.0 % | 4.0 % | ISO 527-2 |
| Tensile Modulus | 4.40 GPa | 638 ksi | ISO 527-2 |
| Charpy Impact Unnotched | 4.80 J/cm ² | 22.8 ft-lb/in ² | ISO 179/1eU |
| Charpy Impact, Notched | 0.700 J/cm ² | 3.33 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) | 150 °C | 302 °F | Unannealed; ISO 75-2/C |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color | Black | |

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