

## Technical Data Sheet

### *Polyfort* J-60/40 NAT



Polypropylene, Homopolymer

#### Product Description

*Polyfort* J-60/40 NAT is a Polypropylene Homopolymer Glass Fiber, 40% filled material. Features include: Homopolymer.

|                             |                  |
|-----------------------------|------------------|
| <b>Attribute</b>            | Homopolymer      |
| <b>Forms</b>                | Pellets          |
| <b>Appearance</b>           | Natural Color    |
| <b>Filler/Reinforcement</b> | Glass Fiber, 40% |

| Typical Properties                 | Nominal Value | Units             | Test Method |
|------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                    |               |                   |             |
| Melt Flow Rate, (230 °C/2.16 kg)   | 4.0           | g/10 min          | ASTM D1238  |
| Density - Specific Gravity         | 1.24          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                  |               |                   |             |
| Tensile Strength, (23 °C)          | 72.4          | MPa               | ASTM D638   |
| Flexural Modulus, (23 °C, Tangent) | 7250          | MPa               | ASTM D790   |
| Tensile Elongation at Break        | 7             | %                 | ASTM D638   |
| Tensile Modulus, (23 °C)           | 7580          | MPa               | ASTM D638   |
| Flexural Strength, (23 °C)         | 152           | MPa               | ASTM D790   |
| <b>Impact</b>                      |               |                   |             |
| Notched Izod Impact Strength       | 9             | kJ/m <sup>2</sup> | ISO 180     |