

Fiberfil® J-60/20/TT/FD WT8381 Polypropylene Homopolymer, 20% Glass Reinforced, FDA compliant

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by FIBERFIL Engineered Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fiberfil-J-6020TTFD-WT8381-Polypropylene-Homopolymer-20-Glass-Reinforced-FDA-compliant.php

| Physical Properties | Metric | English | Comments |
|---------------------|-------------|-------------|--------------------------------|
| Specific Gravity | 1.06 g/cc | 1.06 g/cc | ASTM D792 |
| Melt Flow | 19 g/10 min | 19 g/10 min | 230/2.16 (typical); ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------|------------------------|----------------------------|------------|
| Tensile Strength, Yield | 48.0 MPa | 6960 psi | ISO 527 |
| Elongation at Yield | 2.5 % | 2.5 % | ISO 527 |
| Flexural Strength | 73.50 MPa | 10660 psi | ISO 178 |
| Flexural Modulus | 2.90 GPa | 420 ksi | ISO 178 |
| Izod Impact, Notched (ISO) | 4.10 kJ/m ² | 1.95 ft-lb/in ² | ISO 180/1A |
| Izod Impact, Unnotched (ISO) | 19.5 kJ/m ² | 9.28 ft-lb/in ² | ISO 180/1U |

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