

Technical Data Sheet

Polyfort FPP2B10CCNANAT



Polypropylene, Homopolymer

Product Description

Polyfort FPP2B10CCNANAT is a Polypropylene Homopolymer Glass Fiber, 10% filled material and is typically used in Injection Molding applications. Features include: Good Stiffness, and Homopolymer.

| | |
|-----------------------------|-----------------------------|
| Processing Method | Injection Molding |
| Attribute | Good Stiffness; Homopolymer |
| Forms | Pellets |
| Filler/Reinforcement | Glass Fiber, 10% |

| Typical Properties | Nominal Value | Units | Test Method |
|---------------------------------------|---------------|----------|-------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 5.0 to 10 | g/10 min | ASTM D1238 |
| Mechanical | | | |
| Tensile Strength at Yield, (23 °C) | 44.8 | MPa | ASTM D638 |
| Flexural Modulus, (Tangent) | 2070 | MPa | ASTM D790 |
| Impact | | | |
| Notched Izod Impact, (23 °C, 3.18 mm) | 43 | J/m | ASTM D256 |

| Injection Parameters | Nominal Value | Units |
|---------------------------------------|---------------|-------|
| Drying Time, (Desiccant Dryer) | 2.0 to 4.0 | hr |
| Drying Temperature, (Desiccant Dryer) | 71 | °C |
| Screw Speed | 50 to 150 | rpm |
| Processing (Melt) Temp | 199 to 243 | °C |
| Front Temperature | 199 to 243 | °C |
| Middle Temperature | 199 to 243 | °C |
| Rear Temperature | 199 to 243 | °C |
| Injection Rate | Moderate | |
| Back Pressure | <0.345 | MPa |
| Mold Temperature | 16 to 66 | °C |
| Cushion | 6.35 to 12.7 | mm |