

Technical Data Sheet

Polyfort FPP 1902HU-3380 02 BLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort FPP 1902HU-3380 is an 11% Talc-Filled, UV Stabilized Polypropylene

Processing Method Injection Molding

Filler/Reinforcement Talc, 11%

| Typical Properties | Nominal Value | Units | Test Method |
|---|----------------------|-------------------|--------------------|
| Physical | | | |
| Melt Flow Rate | 29 | g/10 min | ISO 1133 |
| Density | 0.99 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Tensile Stress at Yield | 29.4 | MPa | ISO 527-2 |
| Tensile Strain at Break, (50 mm/min) | 18 | % | ISO 527-2 |
| Flexural Modulus, (Tangent) | 1760 | MPa | ISO 178 |
| Flexural Stress | 46.9 | MPa | ISO 178 |
| Thermal | | | |
| Deflection Temperature Under Load Unannealed (1.80 MPa) | 123 | °C | ISO 75-2/A |
| Additional Information | | | |
| Filler Content | 11 | % | ASTM D5630 |

| Injection Parameters | Value | Units |
|-----------------------------|---------------|--------------|
| Drying Time | 2.0 to 3.0 | hr |
| Drying Temperature | 80 | °C |
| Processing (Melt) Temp | 220 to 260 | °C |
| Injection Rate | Moderate-Fast | |
| Mold Temperature | 30 to 60 | °C |