

Technical Data Sheet

Polyfort PPH MT25 H - 3120 BLKBLK



Polypropylene, Homopolymer

Product Description

PPH MT25 H-3120 is a 25% Talc-Filled Polypropylene Homopolymer

Processing Method Injection Molding

Appearance Colors Available

Filler/Reinforcement Talc, 25%

| Typical Properties | Nominal Value | Units | Test Method |
|----------------------------------|----------------------|-------------------|--------------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 4.5 | g/10 min | ASTM D1238 |
| Density - Specific Gravity | 1.09 | g/cm ³ | ASTM D792 |
| Mechanical | | | |
| Tensile Strength | 34.8 | MPa | ASTM D638 |
| Flexural Modulus, (Tangent) | 2890 | MPa | ASTM D790 |
| Impact | | | |
| Unnotched Izod Impact | 460 | J/m | ASTM D4812 |

| Injection Parameters | Nominal 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 |