

Plaslube® PPS/F 0187 S2

 Techmer Polymer Modifiers - *Polyphenylene Sulfide*
General Information
Product Description

PPSM112345

General

| | |
|------------------------|--|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Filler / Reinforcement | • Glass Fiber |
| Additive | • PTFE Lubricant |
| Features | • Metal Detectable |
| Appearance | • Colors Available • Colors Available |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--------------------------------------|----------------------|-------------|--------------------|
| Density / Specific Gravity | 1.99 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 12000 | psi | ASTM D638 |
| Tensile Elongation (Break) | 1.0 | % | ASTM D638 |
| Flexural Modulus | 1.10E+6 | psi | ASTM D790 |
| Flexural Strength | 21000 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (73°F, 0.125 in) | 0.80 | ft·lb/in | ASTM D256 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | V-0 | | UL 94 |

Processing Information

| Injection | Nominal Value | Unit |
|------------------------|----------------------|-------------|
| Drying Temperature | 275 | °F |
| Drying Time | 4.0 | hr |
| Rear Temperature | 580 to 680 | °F |
| Middle Temperature | 580 to 680 | °F |
| Front Temperature | 580 to 680 | °F |
| Nozzle Temperature | 580 to 680 | °F |
| Processing (Melt) Temp | 580 to 680 | °F |
| Mold Temperature | 250 to 325 | °F |

