

POLYFORT® FPP 1902

Polypropylene

A. Schulman Inc.

Message:

PP 10% Talc

| General Information | | | |
|---|----------------------------|-------------------|-----------------|
| Filler / Reinforcement | Talc, 11% Filler by Weight | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.980 | g/cm ³ | ISO 1183 |
| Molding Shrinkage - Flow ¹ | 1.1 | % | Internal Method |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 63.0 | MPa | ISO 527-2/50 |
| Tensile Strain (Break) | 250 | % | ISO 527-2/50 |
| Flexural Modulus ² | 2150 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | 3.1 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 107 | °C | ISO 75-2/A |
| Additional Information | Nominal Value | Unit | Test Method |
| Filler Content | 11 | % | ASTM D5630 |

| NOTE | |
|------|---------------|
| 1. | 5x7 in plaque |
| 2. | 2.0 mm/min |

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