

# POLYFORT® FPP 1876

Polypropylene

A. Schulman Inc.

Message:

PP 22% Mineral

| General Information                                |                              |                   |                 |
|----------------------------------------------------|------------------------------|-------------------|-----------------|
| Filler / Reinforcement                             | Mineral,22% Filler by Weight |                   |                 |
| Processing Method                                  | Injection Molding            |                   |                 |
| Physical                                           | Nominal Value                | Unit              | Test Method     |
| Density                                            | 1.05                         | g/cm <sup>3</sup> | ISO 1183        |
| Molding Shrinkage - Flow <sup>1</sup>              | 1.0                          | %                 | Internal Method |
| Mechanical                                         | Nominal Value                | Unit              | Test Method     |
| Tensile Stress (Yield)                             | 24.0                         | MPa               | ISO 527-2/50    |
| Flexural Modulus <sup>2</sup>                      | 1900                         | MPa               | ISO 178         |
| Impact                                             | Nominal Value                | Unit              | Test Method     |
| Notched Izod Impact Strength                       | 5.9                          | kJ/m <sup>2</sup> | ISO 180         |
| Thermal                                            | Nominal Value                | Unit              | Test Method     |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 100                          | °C                | ISO 75-2/B      |
| Additional Information                             | Nominal Value                | Unit              | Test Method     |
| Filler Content                                     | 26                           | %                 | ASTM D5630      |
| NOTE                                               |                              |                   |                 |
| 1.                                                 | 5x7 in plaque                |                   |                 |
| 2.                                                 | 2.0 mm/min                   |                   |                 |

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## Recommended distributors for this material

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