

# POLYFORT® FPP 1607

Polypropylene

A. Schulman Inc.

Message:

PP 30% Talc

| General Information                   |                           |                   |                 |
|---------------------------------------|---------------------------|-------------------|-----------------|
| Filler / Reinforcement                | Talc,30% Filler by Weight |                   |                 |
| Processing Method                     | Injection Molding         |                   |                 |
| Physical                              | Nominal Value             | Unit              | Test Method     |
| Specific Gravity                      | 1.15                      | g/cm <sup>3</sup> | ASTM D792       |
| Molding Shrinkage - Flow <sup>1</sup> | 1.3                       | %                 | Internal Method |
| Mechanical                            | Nominal Value             | Unit              | Test Method     |
| Tensile Strength <sup>2</sup> (Yield) | 28.0                      | MPa               | ASTM D638       |
| Flexural Modulus <sup>3</sup>         | 3000                      | MPa               | ASTM D790       |
| Impact                                | Nominal Value             | Unit              | Test Method     |
| Notched Izod Impact                   | 35                        | J/m               | ASTM D256       |
| Thermal                               | Nominal Value             | Unit              | Test Method     |
| Deflection Temperature Under Load     |                           |                   | ASTM D648       |
| 0.45 MPa, Unannealed                  | 115                       | °C                |                 |
| 1.8 MPa, Unannealed                   | 70.0                      | °C                |                 |
| Additional Information                | Nominal Value             | Unit              | Test Method     |
| Filler Content                        | 29                        | %                 | ASTM D5630      |
| NOTE                                  |                           |                   |                 |
| 1.                                    | 5x7 in plaque             |                   |                 |
| 2.                                    | 50 mm/min                 |                   |                 |
| 3.                                    | 1.3 mm/min                |                   |                 |

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