

## A. Schulman POLYFORT™ FPP 2181HU High Flow, Fortified, Impact Resistant Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Description Polyfort® FPP 2181HU is a high flow, fortified, impact resistant polypropylene, stabilized for UV resistance, and available in automotive matched colors. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYFORT-FPP-2181HU-High-Flow-Fortified-Impact-Resistant-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-2181HU-High-Flow-Fortified-Impact-Resistant-Polypropylene.php)

| Physical Properties | Metric                             | English                            | Comments                |
|---------------------|------------------------------------|------------------------------------|-------------------------|
| Specific Gravity    | 0.990 - 0.996 g/cc                 | 0.990 - 0.996 g/cc                 | ASTM D792               |
| Melt Flow           | 15 g/10 min<br>@Temperature 230 °C | 15 g/10 min<br>@Temperature 446 °F | Condition L; ASTM D1238 |

| Mechanical Properties   | Metric     | English       | Comments  |
|-------------------------|------------|---------------|-----------|
| Tensile Strength, Yield | 26.51 MPa  | 3845 psi      | ASTM D638 |
| Flexural Modulus        | 2.00 GPa   | 290 ksi       | ASTM D790 |
| Izod Impact, Notched    | 0.536 J/cm | 1.00 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments  |
|---------------------------------------------|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 109 °C | 229 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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