

## A. Schulman POLYFORT™ FPP 1236 Glass Filled Chemically Coupled Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

### Material Notes:

Description Polyfort® FPP 1236 is a 20% glass filled chemically coupled homopolymer polypropylene product. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYFORT-FPP-1236-Glass-Filled-Chemically-Coupled-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1236-Glass-Filled-Chemically-Coupled-Homopolymer-Polypropylene.php)

| Physical Properties | Metric       | English      | Comments   |
|---------------------|--------------|--------------|------------|
| Specific Gravity    | 1.04 g/cc    | 1.04 g/cc    | ASTM D792  |
| Melt Flow           | 6.0 g/10 min | 6.0 g/10 min | ASTM D1238 |

| Mechanical Properties   | Metric     | English       | Comments  |
|-------------------------|------------|---------------|-----------|
| Hardness, Rockwell R    | 105        | 105           | ASTM D785 |
| Tensile Strength, Yield | 70.0 MPa   | 10200 psi     | ASTM D638 |
| Elongation at Break     | 2.0 %      | 2.0 %         | ASTM D638 |
| Flexural Strength       | 102 MPa    | 14800 psi     | ASTM D790 |
| Flexural Modulus        | 3.87 GPa   | 561 ksi       | ASTM D790 |
| Izod Impact, Notched    | 0.700 J/cm | 1.31 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments  |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 155 °C | 311 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 140 °C | 284 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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