

## A. Schulman POLYFORT™ FPP 1068-32 Black40% Mineral Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

### Material Notes:

Description Polyfort® FPP 1068-32 Black is a 40% mineral filled polypropylene designed for use when improved heat resistance, dimensional stability and high stiffness is needed. Application Applications of FPP 1068-32 include electrical connections, ducts, impeller and housings. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYFORT-FPP-1068-32-Black40-Mineral-Filled-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1068-32-Black40-Mineral-Filled-Polypropylene.php)

| Physical Properties | Metric                               | English                              | Comments   |
|---------------------|--------------------------------------|--------------------------------------|------------|
| Specific Gravity    | 1.24 g/cc                            | 1.24 g/cc                            | ASTM D792  |
| Melt Flow           | 6.0 g/10 min                         | 6.0 g/10 min                         | ASTM D1238 |
|                     | @Load 2.16 kg,<br>Temperature 230 °C | @Load 4.76 lb,<br>Temperature 446 °F |            |

| Mechanical Properties   | Metric     | English        | Comments  |
|-------------------------|------------|----------------|-----------|
| Tensile Strength, Yield | 30.0 MPa   | 4350 psi       | ASTM D638 |
| Flexural Modulus        | 3.20 GPa   | 464 ksi        | ASTM D790 |
| Izod Impact, Notched    | 0.220 J/cm | 0.412 ft-lb/in | ASTM D256 |

| Thermal Properties                             | Metric  | English | Comments  |
|------------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa<br>(66 psi) | 125 °C  | 257 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa<br>(264 psi) | 84.0 °C | 183 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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