

**PIER ONE POLYMERS** INCORPORATED  
*Thermoplastic Solutions*

**Typical Property Data**

**PROFIL™ PPH3GF17-BK**  
**Polypropylene Homopolymer, 30% Glass Reinforced Chemically Coupled Black**

PROFIL™ PPH3GF17-BK is available in natural and custom colors, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

| Property  | Test Method   | Units  | Value  |
|---|---|--|--|
|   |   |  | DAM  |
| <b>General</b><br>ASH (Filler)  | ASTM D4218  | %  | 30   |
| <b>Physical</b><br>Melt Flow  | ASTM D1238  | g/10 min   | 3-6  |
| <b>Mechanical</b><br>Tensile Strength<br>Elongation @ Break<br>Flexural Modulus<br>Flexural Strength<br>Izod Impact<br>Unnotched Impact | ASTM D 638<br>ASTM D 638<br>ASTM D 790<br>ASTM D 790<br>ASTM D 256<br>ASTM D 4812 | Mpa (psi)<br>%<br>Mpa (psi)<br>Mpa (psi)<br>J/m (ft lb/in)<br>J/m (ft lb/in) | 69 (10,050)<br><br>4,400 (638,000)<br>na<br>80 (1.5)<br>430 (8.04)<br><br>1.30 |
| <b>Thermal</b><br>Heat Deflection Temperature<br>264 psi  | ASTM D 648  | °C   | 141  |
| <b>Other</b><br>Specific Gravity  | ASTM D 792  | -  | 1.11-1.15  |

**Test Conditions:**

- \* Injection molded test bar (2 3/8" x 1/2" x 1/4"), notched
- \* Condition L – 2160 grams @ 230 °C

Mechanical properties measured at 23°C (73°F)

Contact Pier One Polymers, Inc. for MSDS, general guidelines and/or additional information about ventilation, handling, purging, drying, etc.

The information above is compiled by the material manufacturer. Actual values should not be construed as a guarantee of analysis of any specific lot or as specification items. The properties of any single lot or shipment of product may vary from the above analysis. No warranty is given as to the suitability of the product for any particular application. The determination of suitability of the above product information for any particular use is solely the responsibility of the user.