

PPH3GF4 HS-Black

A 40% glass-reinforced polypropylene

TYPICAL APPLICATIONS:

Various applications

Product Description:

The properties shown below are typical for a 40% fiberglass reinforced polypropylene compound.

Features and Options:

- Medium melt flow
- Excellent tensile and stiffness
- Excellent dimensional stability
- Custom colors available upon request
- Tested at $23 \pm 2^\circ\text{C}$ ($73.4 \pm 3.6^\circ\text{F}$) and $50 \pm 10\%$ relative humidity unless otherwise noted.

Physical Properties	Typical Values*	Test Method
Melt Flow	10 g/10 min	ISO 1133
Filler Content	40%	ISO 3451
Density	1.21 g/cm ³	ISO 1183
Notched Izod Impact @ 23°C	8 kJ/m ²	ISO 180
Notched Izod Impact @ -40°C	7 kJ/m ²	ISO 180
Tensile Strength @ Yield (5mm/minute)	87 MPa	ISO 527
Flexural Modulus (2mm/minute)	8,000 MPa	ISO 178
Deflection Temperature @ 1820 KPa 455 KPa	151°C 159°C	ISO 75

NOTE: Custom colors available upon request.

* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Washington Penn Plastic representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.