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PPH4GF3-Black

A 30% chemically-coupled glass-reinforced polypropylene homopolymer.

TYPICAL APPLICATIONS:

Various automotive applications such as door supports, housings and consoles and consumer goods such as blower wheels

Product Description:

Properties shown below for this filled blend are typical for a 30% fiberglass reinforced polypropylene homopolymer.

Features and Options:

- Excellent tensile and stiffness.
- Mold shrinkage comparable to ABS and PC.
- Excellent dimensional stability.
- Heat Stabilized and chemically-coupled
- Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted

Approved to: NVB.10.050 F
WSK-M4D732-A2
VW 440 45 PP10
Tested To: WSB-M4D732-A3

Physical Properties	Typical Values*	Test Method
Melt Flow	15 g/10 min	ISO 1133
Filler Content	30%	ISO 3451
Density	1.12 g/cm^3	ISO 1183
Notched Izod Impact @ 23°C	8 kJ/m²	ISO 180
Notched Izod Impact @ 23°C	8 kJ/m²	ISO 180/1B
Notched Izod Impact @ -40°C	7 kJ/m²	ISO 180
Un-Notched Charpy Impact @ 23°C	43 kJ/m^2	ISO 179
Tensile Strength @ Yield (5mm/minute)	84 MPa	ISO 527
Flexural Modulus (2mm/minute)	5,600 MPa	ISO 178
Flexural Strength (2mm/minute)	134 MPa	ISO 178
Deflection Temperature @ 1820 KPa 455 KPa	149°C 158°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.
- Mold shrinkage is based upon specific part design and actual values may differ greatly from reported values obtained from testing procedure utilized.

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.