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PPH2TF4-Black

A 40% talc-reinforced polypropylene homopolymer.

TYPICAL APPLICATIONS:

Various automotive applications, toys, and consumer goods.

Product Description:

Properties shown below for this filled blend are typical for a 40% talc-reinforced polypropylene homopolymer. This product satisfies many application needs. Special compounds are available to meet application requirements.

Approved To: **MS-DB500 CPN 3549**
MS-DB500 CPN 4342
GMP.PP.030
CN 57916-9

Features and Options:

- Available in colors.
- UV stabilization for improved weatherability available.
- Heat stabilized.
- Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.

Physical Properties	Typical Values*	Test Method
Melt Flow	6 g/10 min	ASTM D1238 ISO 1133
Filler Content	40%	ASTM D5630 ISO 3451
Density/Specific Gravity	1.243	ASTM D792 ISO 1183
ASTM Testing		
Notched Izod Impact @ 23°C	23 J/m	ASTM D256
Tensile Strength @ Yield (50mm/minute)	30 MPa	ASTM D638
Tensile Elongation @ Break (50mm/minute)	13%	ASTM D638
Flexural Modulus (1.27mm/minute)	3,600 MPa	ASTM D790
Flexural Modulus (12.7mm/minute)	4,000 MPa	ASTM D790
Flexural Strength (12.7mm/minute)	56 MPa	ASTM D790
Deflection Temperature @ 66 psi 264 psi	133°C 86°C	ASTM D648
ISO Testing		
Notched Charpy Impact @ 23°C	3 kJ/m^2	ISO 179
Un-notched Charpy Impact @ 23°C	24 kJ/m^2	ISO 179
Tensile Strength @ Yield (50mm/minute)	31 MPa	ISO 527
Tensile Elongation @ Yield (50mm/minute)	3%	ISO 527
Flexural Modulus (2mm/minute)	3,800 MPa	ISO 178
Deflection Temperature @ 1820 KPa 455 KPa	85°C 135°C	ISO 75

* 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.