

PPH3TF2-Black

A 20% talc-reinforced polypropylene homopolymer.

TYPICAL APPLICATIONS:

HVAC units, fan shrouds, and other automotive components.

Product Description:

Properties shown below for this filled blend are typical for a 20% talc-reinforced polypropylene homopolymer. This basic product satisfies many application needs. Special compounds are available.

Approved To: SD2-189

Features and Options:

- High heat deflection temperature.
- Heat stabilized for extended use at elevated temperatures.
- Custom versions of this compound are available.
- Tested at $23 \pm 2^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity unless otherwise noted.

Physical Properties	Typical Values*	Test Method
Melt Flow	23 g/10 min	ASTM D1238
Filler Content	20%	ASTM D5630
Specific Gravity	1.05	ASTM D792
Notched Izod Impact @ 23°C	32 J/m	ASTM D256
Tensile Strength @ Yield (50mm/minute)	34 MPa	ASTM D638
Tensile Elongation @ Break (50mm/minute)	33%	ASTM D638
Flexural Secant Modulus (12.7mm/minute)	2,500 MPa	ASTM D790
Deflection Temperature @ 264 psi 66 psi	75°C 129°C	ASTM D648

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.