

PRC25TF2HFL-Black

A 20% talc-reinforced polypropylene homopolymer with a minimum of 25% post-consumer recycled content

TYPICAL APPLICATIONS:

HVAC units, fan shrouds, other automotive components

Product Description:

The properties shown below for this filled blend are typical for a 20% talc-reinforced polypropylene homopolymer that contains a minimum of 25% post-consumer recycled resin

**Approved To: GMW15702, MS-DB500 CPN 4375
SD2-189, WRS-M4D729-B9, B6
VAM-PP010000-T20BKH25 App 003
WSH-M4D293-B2**

Features and Options:

- High flow.
- Heat stabilized for use at elevated temperatures.
- Custom versions of this compound are available.
- Some custom colors 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	10 g/10 min	ISO 1133
Filler Content	20%	ISO 3451
Density/Specific Gravity	1.06	ISO 1183
Notched Izod Impact @ 23°C	3 kJ/m ²	ISO 180
Notched Izod Impact @ -40°C	2 kJ/m ²	ISO 180
Notched Charpy Impact @ 23°C	3 kJ/m ²	ISO 179
Tensile Strength @ Yield (5mm/minute)	30 MPa	ISO 527
Tensile Elongation @ Ultimate (5mm/minute)	10%	ISO 527
Tensile Strength @ Yield (50mm/minute)	32 MPa	ISO 527
Tensile Modulus (1mm/minute)	2,900 MPa	ISO 527
Flexural Modulus (2mm/minute)	2,400 MPa	ISO 178
Deflection Temperature @ 1820 KPa 455 KPa	71°C 123°C	ISO 75
Deflection Temperature @ 1820 KPa (Flatwise)	67°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.