

## Hifax TRC 103P 11BK03

### Compounded Polyolefin

#### Product Description

Hifax TRC 103P 11BK03 is a 18% talc filled PP copolymer, with high impact resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in 11BK03 color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

#### Product Characteristics

<b>Status</b>	Commercial
<b>Processing Method</b>	Injection molding
<b>Features</b>	Impact resistance.
<b>Typical Customer Applications</b>	Used for moulding large complex parts and applications demanding high impact strength as well as good stiffness.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	23	g/10 min
Density (23 °C)	ISO 1183-1/A	1.0	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Strength (23 °C)	ISO 527-1, -2	20	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1700	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	42	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	5.3	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	54	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	95	°C

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

