

## Hifax TRC 103P

### Compounded Polyolefin

#### Product Description

**Hifax TRC 103P** high melt flow, 1,700 MPa flexural modulus, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed as a globally available grade primarily for automotive bumper applications.

#### Product Characteristics

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	High Impact Resistance , Paintable, Good Processability, Good Stiffness
<b>Typical Customer Applications</b>	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density (Method A)	ISO 1183	1.00	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	23	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	20	MPa
Flexural modulus (23 °C)	ISO 178	1700	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(- 30 °C, Type 1, Notch A)		5.3	kJ/m <sup>2</sup>
(23 °C, Type 1, Notch A)		42	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	95	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact Basell for shrinkage recommendations.</i>			

#### Notes

Typical properties; not to be construed as specifications.

