



## Hifax TRC 779P

### Compounded Polyolefin

#### Product Description

Hifax TRC 779P high melt flow, 1,650 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Availability</b>	North America
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Dimensional Stability, Good Flow, Good Impact Resistance , Low Temperature Impact Resistance, Good Moldability , Paintable, Low Shrinkage, High Stiffness, Good Weather Resistance
<b>Typical Customer Applications</b>	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	25	g/10 min
Density (Method A)	ISO 1183	1.03	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	4	%
Flexural modulus (23 °C)	ISO 178	1650	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(-30 °C)		5.5	kJ/m <sup>2</sup>
(23 °C)		45	kJ/m <sup>2</sup>
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact Basell for shrinkage recommendations.</i>			

#### Additional Properties

Multi-axial instrumented impact, energy at max load at -40°C (2.2 m/sec) = 23 J (ductile failure mode).

#### Notes

Typical properties; not to be construed as specifications.