



## Hifax TRC 770X LC Gray

### Compounded Polyolefin

#### Product Description

Hifax TRC 770X LC Gray high melt flow, 1,600 MPa flexural modulus, mineral-filled, thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for use in automotive bumper fascias.

#### Product Characteristics

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	28	g/10 min
Density (Method A)	ISO 1183	1.01	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7	%
Flexural modulus (23 °C)	ISO 178	1600	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(-30 °C)		5.8	kJ/m <sup>2</sup>
(23 °C)		32	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	125	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		