



## Hifax TRC 790X HF

### Compounded Polyolefin

#### Product Description

Hifax TRC 790X HF high melt flow, high flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It was designed for automotive bumper fascia applications

#### Product Characteristics

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	24	g/10 min
Density (23°C)	ISO 1183	1.04	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	100	%
Flexural modulus (23 °C, Chord)	ISO 178	1500	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
		(-30 °C)	4.0 kJ/m <sup>2</sup>
(+23 °C)		42 kJ/m <sup>2</sup>	
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	98	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		