



## Hifax TRC 790P

### Compounded Polyolefin

#### Product Description

Hifax TRC 790P high melt flow, 1,550 MPa flexural modulus, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has a very good combination of properties and processability. It was designed for molded-in color automotive bumper fascia 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, Medium Flow, Good Impact Resistance , Paintable, Good Processability, Good Stiffness , Good Weather Resistance
<b>Typical Customer Applications</b>	Bumpers

#### Typical Properties

	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	17	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	490	%
Flexural modulus (23 °C)	ISO 178	1550	MPa
<b>Impact</b>			
Notched izod impact strength (+23 °C)	ISO 180	47	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	93	°C

#### Additional Information

Mold shrinkage	ISO 294-4
----------------	-----------

*Note:* Please contact LyondellBasell for shrinkage recommendations.

#### Notes

Typical properties: not to be construed as specifications.