



## Hifax TRC 1230P

### Compounded Polyolefin

#### Product Description

Hifax TRC 1230P thermoplastic polyolefin is designed for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability.

#### Product Characteristics

<b>Status</b>	Commercial: Restricted
<b>Test Method used</b>	ISO
<b>Availability</b>	North America
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Dimensional Stability, Low Temperature Impact Resistance, 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	1.07	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	19	MPa
Flexural modulus (2 mm/min)	ISO 178	2300	MPa
<b>Impact</b>			
Notched Izod Impact (23°C)	ASTM D 256	40	kJ/m <sup>2</sup>
Multiaxial Impact Strength (23°C)	ASTM D3763	18	J
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

#### Notes

Typical properties; not to be construed as specifications.