

## Technical Data Sheet

### Hifax TRC 1230P YZ9A Black



Polypropylene Compounds

#### Product Description

Hifax TRC 1230P YZ9A Black thermoplastic polyolefin is typically used 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.

#### Regulatory Status

For regulatory compliance information, see Hifax TRC 1230P YZ9A Black [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Restricted
<b>Availability</b>	North America
<b>Application</b>	Automotive Parts; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	1.07	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	2300	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	40	kJ/m <sup>2</sup>	ASTM D256
Multi-axial Impact Strength, (23 °C)	18	J	ASTM D3763
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

#### Notes

These are typical property values not to be construed as specification limits.