

## Technical Data Sheet

### Hifax TYC 1338X BLACK

Polypropylene Compounds

#### Product Description

Hifax TYC 1338X BLACK has low density, which reduces part weight and improves paint adhesion. Good stiffness and excellent cold temperature impact. It is typically used for fully painted exterior trim and fascia applications.

#### Regulatory Status

For regulatory compliance information, see Hifax TYC 1338X BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Developmental
<b>Availability</b>	North America
<b>Application</b>	Automotive Parts; Bumpers; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good Flow; Good Impact Resistance; Good Moldability; High Stiffness; Low Shrinkage; Low Temperature Impact Resistance; Paintable

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ASTM D1238
Density, (23 °C, Method A)	0.95	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	1600	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	41	kJ/m <sup>2</sup>	ISO 179
(-30 °C)	5.0	kJ/m <sup>2</sup>	ISO 179
Multi-axial Impact Strength, (-30 °C, 2.2 m/s, 3.2 mm plaque) Failure Mode Ductile.	22	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.