

## Technical Data Sheet

### Hifax TYC 1342X Black



Polypropylene Compounds

#### Product Description

Hifax TYC 1342X Black very high melt flow, 1,650 MPa flexural modulus, low density mineral filled, thermoplastic elastomeric olefin (TEO) resin. Enables part weight reduction and associated savings while maintaining all of the performance of traditional, higher density products. It has an excellent balance of properties and processability, and is typically used for painted automotive bumper fascias and exterior trim applications.

<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 Processability; High Impact Resistance; Low Density; Low Shrinkage; Paintable

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.01	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	1650	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19.1	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	36	kJ/m <sup>2</sup>	ISO 179
(-40 °C)	3.5	kJ/m <sup>2</sup>	ISO 179
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			