



## Hifax TYC 1235X Black

### Compounded Polyolefin

#### Product Description

Hifax TYC 1235X Black has a very high melt flow, very high flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications.

#### Product Characteristics

Status	Development
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , Paintable, Low Shrinkage, High Stiffness
Typical Customer Applications	Body Panels, Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	30	g/10 min
Density (Method A)	ISO 1183	1.07	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	23	MPa
Flexural modulus (23°C)	ISO 178	2800	MPa
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

#### Additional Properties

Multi-axial instrumented impact, energy at max load at -10°C (2.2 m/sec) = 22 J (ductile failure mode).

#### Notes

Typical properties; not to be construed as specifications.