

## Technical Data Sheet

### Hifax TYC 1235X E2 BLACK



Polypropylene Compounds

#### Product Description

Hifax TYC 1235X E2 Black is a 25 % talc filled PP copolymer with high flowability, high stiffness and good impact resistance. It is typically used for painted automotive exterior trim applications.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

<b>Application</b>	Body Panels; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good Impact Resistance; Good Moldability; High Flow; High Stiffness; 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	ISO 1133-1
Density, (23 °C, Method A)	1.07	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	2600	MPa	ISO 178
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	25	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	3	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2