



## Hifax TYC 1123X E BLACK

### Compounded Polyolefin

#### Product Description

Hifax TYC 1123X E BLACK is a 18% talc filled PP copolymer, with high melt flow rate, low density and very good surface appearance. The product is available in black color, pellet form.

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

#### Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Low density, superior flowability, excellent impact/stiffness balance.	
Typical Customer Applications	Used for automotive painted bumper and automotive painted bumper fascias, as well as fully painted parts applications.	

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	30	g/10 min
Density (23 °C)	ISO 1183-1/A	1	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1550	MPa
Flexural Strength (23 °C) Tech. A	ISO 178/A1	23	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	6	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	48	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	52	°C

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

#### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.