



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
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
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	30	g/10 min
Density (23 °C)	ISO 1183-1/A	1	g/cm ³
Mechanical			
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
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	6	kJ/m ²
Thermal			
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.

