

Technical Data Sheet

Hifax TYC 1123X E BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1123X E BLACK is a 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.

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; Low Density; Pleasing Surface Appearance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ISO 1133-1
Density, (23 °C)	1	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1550	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	23	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m ²	ISO 180/1A
(-30 °C)	6	kJ/m ²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (B50)	48	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	52	°C	ISO 75A-1, -2