

Technical Data Sheet

Hifax TYC 1235X E BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1235X E BLACK is a talc filled PP copolymer, with high melt flow rate, excellent surface appearance and good impact resistance. This grade is delivered in black color. This Data Sheet is giving general properties.

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

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; High Flow; Pleasing Surface Appearance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	31	g/10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2400	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	30	MPa	ISO 178/A1
Tensile Strength, (23 °C)	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	27	kJ/m ²	ISO 180/1A
(-30 °C)	3.5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	65	°C	ISO 75A-1, -2