

Technical Data Sheet

Hifax TYC 1152X E BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1152X E BLACK is a very high melt flow, 16.5% talc filled PP copolymer with high impact resistance, high stiffness and low CLTE. It has an excellent balance of properties and processability, and is typically used for automotive exterior applications. This grade contains no UV stabilization and should be used for painted parts only.

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

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; High Flow; Paintable

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)	1.02	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2000	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	38	kJ/m ²	ISO 179-1/1eA
(-40 °C)	3.3	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	54	°C	ISO 75A-1, -2