

Technical Data Sheet

Hifax TYC 1235X E2 BLACK



Polypropylene Compounds

Product Description

Hifax TYC 1235X E2 Black is a 25 % talc filled PP copolymer with high flowability, high stiffness and good impact resistance. It is typically used for painted automotive exterior trim applications.

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

Application	Body Panels; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Impact Resistance; Good Moldability; High Flow; High Stiffness; Low Shrinkage; 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, Method A)	1.07	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2600	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched			
(23 °C)	25	kJ/m ²	ISO 179-1/1eA
(-40 °C)	3	kJ/m ²	ISO 179-1/1eA
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2