

Technical Data Sheet

Hifax TYC 852X T 2003 (SC BLACK)

Polypropylene Compounds



Product Description

Hifax TYC 852X T 2003 (SC BLACK) is a 22% talc filled, impact modified polypropylene, with high flowability, high impact resistance and low CLTE (Coefficient of Linear Thermal Expansion). Product is available as non color matched, black, pellet form.

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

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, Method A)	1.06	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	2000	MPa	ISO 178
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180/1A
(-30 °C)	5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	104	°C	ISO 75B-1, -2

