

## 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.

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

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	31	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	1.06	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	2000	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m <sup>2</sup>	ISO 180/1A
(-30 °C)	5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	104	°C	ISO 75B-1, -2