



Hifax TYC 852P E G12808

Compounded Polyolefin

Product Description

Hifax TYC 852P E G12808 is a 25% talc filled PP copolymer, with high impact resistance and low CLTE (Coefficient of Linear Thermal Expansion). Product is available as a customized color matched, pellet form. This grade is delivered in G12808 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact resistance, CLTE (Coefficient of Linear Thermal Expansion).
Typical Customer Applications	Used for automotive unpainted exterior applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	31	g/10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2000	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	45	kJ/m ²
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	3.5	kJ/m ²
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	4	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	100	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

