



Hifax TYC 462P

Compounded Polyolefin

Product Description

Hifax TYC 462P is a 30% talc filled PP copolymer, with high melt flow rate, excellent surface appearance and good impact resistance. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	High melt flow rate, impact resistance, UV resistance.
Typical Customer Applications	Used for any outdoor/exterior large complex parts.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	33	g/10 min
Density (23 °C)	ISO 1183-1/A	1.13	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1950	MPa
Flexural Strength (23 °C) Tech. A	ISO 178/A1	26	MPa
Tensile Strength (23 °C)	ISO 527-1, -2	18	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	25	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	3.5	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	54	°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.

