

Hifax TYC 007P E R299

Compounded Polyolefin

Product Description

Hifax TYC 007P E R299 is a 22% talc filled PP copolymer, with superior flowability, excellent impact/stiffness balance, good processability and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in BLACK 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/stiffness balance, flowability, processability, UV resistance.
Typical Customer Applications	Used for any outdoor/exterior application.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	35	g/10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2100	MPa
Tensile Strength (23 °C)	ISO 527-1, -2	21	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	50	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	8	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	115	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	63	°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.

