Hifax TYC 459P 3004

Compounded Polyolefin

Product Description

Hifax TYC 459P 3004 is a 21% talc filled PP copolymer, with very low shrinkage, high flowability, good impact/stiffness balance and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 3004 color version.

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

Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Shrinkage, flowability, impact/stiffness balance, UV resistance.	
Typical Customer Applications	Used for automotive exterior trims.	

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	27	g/10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm^3
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Tens.Strain at Break	ISO 527-1, -2	40	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2100	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	25	kJ/m^2
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	3.5	kJ/m^2
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	110	°C
Vicat Softening Temperature A (10 N)	ISO 306	125	°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.

Notes

Typical properties; not to be construed as specifications.
(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.