Hifax TYC 258P C12561

Compounded Polyolefin

Product Description

Hifax TYC 258P C12561 is a 30% 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 C12561 color version.

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

Product Characteristics

Status	Commercial
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	25	g/10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm^3
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Tens.Strain at Break	ISO 527-1, -2	50	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1900	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	2.5	kJ/m^2
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	115	°C
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.