



Hifax TRC 412P C12594

Compounded Polyolefin

Product Description

Hifax TRC 412P C12594 is a 20% talc filled PP copolymer, with high flowability, high stiffness and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12594 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, stiffness, UV resistance.
Typical Customer Applications	Used for automotive unpainted bumper and for heavy-truck applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	21	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	19	MPa
Tens.Strain at Break	ISO 527-1, -2	30	%
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	4	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	135	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	105	°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.

