



Hifax TRC 412P G21415

Compounded Polyolefin

Product Description

Hifax TRC 412P G21415 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 G21415 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	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 (-30 °C)	ISO 179-1/1eA	4	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	25	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.

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.