

Hifax ERC 2014P C1V301

Compounded Polyolefin

Product Description

Hifax ERC 2014P C1V301 is a 10% talc filled PP copolymer, with high flowability, high scratch resistance and high UV resistance. The product is available in different color matched, pellet form. This grade is delivered in C1V301 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, scratch resistance, 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	20	g/10 min
Density (23 °C)	ISO 1183-1/A	0.97	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	25	MPa
Tens. Strain at Break	ISO 527-1, -2	50	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2100	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	6.5	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	145	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	110	°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.

