

Technical Data Sheet

Hifax ERC 2014P C1V301

Polypropylene Compounds

Product Description

Hifax ERC 2014P C1V301 is a 10% talc filled PP copolymer. Advanced technologies allowed for a significant properties improvement e.g. high flowability, high scratch resistance, high UV resistance, low emissions and weight savings. 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.

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; High Flow; Low VOC Emission; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	0.97	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2100	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	25	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	50	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	6.5	kJ/m ²	ISO 179-1/1eA
(-30 °C)	2.5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	145	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2