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Technical Data Sheet

Hifax TRC 134P 3004

Polypropylene Compounds

Product Description

Hifax TRC 134P 3004 is 20% talc filled PP copolymer, with very low shrinkage, good impact resistance and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 3004 color version.

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

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good UV Resistance; Low Coefficient of Linear Thermal Expansion; Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	16	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	500	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	60	kJ/m²	ISO 179-1/1eA
(-30 °C)	5	kJ/m²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	115	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2