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Technical Data Sheet

Hifax TRC 221P 3 G14008

Polypropylene Compounds

Product Description

Hifax TRC 221P 3 is a 22% talc filled PP copolymer, with high melt flow rate, excellent impact/stiffness balance, low CLTE (Coefficient of Linear Thermal Expansion) and good UV resistance. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1600	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	22	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m²	ISO 180/1A
(-30 °C)	5	kJ/m²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (B50)	45	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2