

Technical Data Sheet

Hifax TRC 221P/2 G14008

Polypropylene Compounds



Product Description

Hifax TRC 221P/2 is a 20% talc filled PP copolymer, with medium flowability, very good 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.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1500	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	22	MPa	ISO 178/A1
Tensile Stress at Break, (23 °C)	16	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m ²	ISO 180/1A
(-30 °C)	5.5	kJ/m ²	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

Notes

These are typical property values not to be construed as specification limits.

