

Technical Data Sheet

Hifax TRC 221X/1 BLACK

Polypropylene Compounds



Product Description

Hifax TRC 221X/1 BLACK is a 22% talc filled PP copolymer, with medium melt flow, good impact/stiffness balance and very low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	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)	55	kJ/m ²	ISO 180/1A
(-30 °C)	8	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.

