

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.

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

Status	Commercial: Active
Availability	Europe
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.