



Hifax TRC 221X BLACK

Compounded Polyolefin

Product Description

Hifax TRC 221X BLACK is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance, very low CLTE (Coefficient of Linear Thermal Expansion) and low UV resistance. Product is available in black color, pellet form.

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

Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Flowability, impact/stiffness balance.	
Typical Customer Applications	Used for moulding large complex parts that require high impact strength as well as good stiffness.	

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	15	g/10 min
Density (23 °C)	ISO 1183-1/A	1.04	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16.5	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1500	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	55	kJ/m ²
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	3.5	kJ/m ²
Izod Impact strength, notched (23 °C)	ISO 180/1A	48	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	5	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	95	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.