

## Technical Data Sheet

# Hifax TRC 221X BLACK



Polypropylene Compounds

### 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 product is also available in other colors, new colors can be developed depending on customer requirements.

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

<b>Application</b>	Bumpers
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Flow; Paintable

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