



## Hifax TRC 221P G12808

### Compounded Polyolefin

#### Product Description

Hifax TRC 221P G12808 is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance and very low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in G12808 color version.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact/stiffness balance, CLTE (Coefficient of Linear Thermal Expansion).
Typical Customer Applications	Used for applications demanding high impact strength as well as good stiffness.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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 <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16.5	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1500	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	55	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	3.5	kJ/m <sup>2</sup>
Izod Impact strength, notched (23 °C)	ISO 180/1A	48	kJ/m <sup>2</sup>
Izod Impact strength, notched (-40 °C)	ISO 180/1A	5	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.

