



Hifax TRC 221P 1648

Compounded Polyolefin

IMDS Number:

19524190

Product Description

Hifax TRC 221P 1648 is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance, very low CLTE and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 1648 color version.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Leaving the market
Processing Method	Injection molding
Features	Impact/stiffness balance, CLTE (Coefficient of Linear Thermal Expansion).
Typical Customer Applications	Designed for applications demanding 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.

