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
Availability	Europe (1)
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.

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.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyondellbasell.com/.

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(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.
(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.
All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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