Hifax TRC 280X NA Black

Compounded Polyolefin

Product Description

Hifax TRC 280X NA Black is a high melt flow, 31% mineral filled polypropylene copolymer for injection moulding. It combines very high flowability with an excellent impact/stiffness balance and a very low CLTE. The grade has been specifically designed for moulding of large complex parts that require high impact strength as well as good stiffness. This grade is available in pellet form. It contains no UV stabilizaton, and therefore it designed to be used only for fully painted parts.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Features	Copolymer, High Flow , Good Impact Resistance , Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.14	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	22	MPa
Flexural modulus	ISO 178	2800	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		10	kJ/m²
(-40 °C, Type 1, Notch A)		2.5	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	120	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	65	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

- 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.lyb.com/.

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(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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