



Hifax TRC 221X 1

Compounded Polyolefin

Product Description

Hifax TRC 221X 1 is a new high melt flow, 20% mineral filled polypropylene copolymer for injection moulding. It combines a very high flowability with an excellent impact/stiffness balance and 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 custom colour, pellet form. It contains no UV stabiliser therefore it should be used only for fully painted parts

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
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	1.05 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	16 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	17.0 MPa
Flexural modulus	ISO 178	1500 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		55 kJ/m ²
(-30 °C, Type 1, Notch A)		8 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C
Vicat softening temperature B/50	ISO 306	48

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
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Users should review the applicable Material Safety Data Sheet before handling the product.

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