



## Hifax TRC 221P

### Compounded Polyolefin

#### Product Description

"Hifax" TRC 221P 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 UV stabiliser for usage in unpainted parts

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Availability</b>	Europe
<b>Features</b>	Copolymer, Flow, High, Impact Resistance, Good, Stiffness, Good
<b>Typical Customer Applications</b>	Exterior Applications, Bumpers

Typical Properties	Method	Value Unit
<b>Physical</b>		
Density (Method A)	ISO 1183	1.04 g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	16 g/10 min
<b>Mechanical</b>		
Tensile Stress at Yield	ISO 527-1, -2	17.0 MPa
Flexural modulus	ISO 178	1500 MPa
<b>Impact</b>		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	No Break kJ/m <sup>2</sup>
(0 °C, Type 1, Notch A)		kJ/m <sup>2</sup>
(-40 °C, Type 1, Notch A)		5.00 kJ/m <sup>2</sup>
<b>Thermal</b>		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	100 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50 °C

#### Notes

Typical properties; not to be construed as specifications.