



Hifax TRC 341P

Compounded Polyolefin

Product Description

Hifax TRC 341P is a new high melt flow, 20% mineral filled polypropylene copolymer for injection moulding. It combines a high flowability with a good impact/stiffness balance. The grade has been specifically designed for moulding of large parts that require good 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

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	Copolymer, High Flow , Good Impact Resistance , Good Stiffness
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method D)	ISO 1183	1.04 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	20 g/10 min
Mechanical		
Flexural modulus	ISO 178	1600 MPa
Tensile stress at yield	ISO 527	17 MPa
Impact		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	25 kJ/m ²
(-30 °C, Type 1, Notch A)		4 kJ/m ²
Thermal		
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	55 °C
Vicat softening temperature B/50	ISO 306	48 °C

Notes

Typical properties; not to be construed as specifications.

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

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

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