



Hifax TRC 298P

Compounded Polyolefin

Product Description

Hifax TRC 298P is a 20% mineral filled, high impact polypropylene grade for injection moulding. The grade features extremely low CLTE. The grade has been specifically designed for exterior trims requiring high dimensional stability. The product has a UV stabilisation designed for outdoor application. Product formula is improved to offer better aesthetic especially regarding tiger stripes defaults.

The grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Method	Injection Molding
Features	High Flow , Good Impact Resistance , Paintable, Good Processability

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	20	g/10 min
Mechanical			
Tensile Modulus (1 mm/min mm/min, Secant)	ISO 527-1, -2	1400	MPa
Tensile Stress at Yield (50 mm/min mm/min)	ISO 527-1, -2	15	MPa
Tensile Strain at Yield (50 mm/min mm/min)	ISO 527-1, -2	6.4	%
Flexural modulus (23 °C, Secant)	ISO 178	1500	MPa
Impact			
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A, Partial Break)		40	
(0 °C, Type 1, Edgewise, Notch A, Partial Break)		30	

Notes

Typical properties; not to be construed as specifications.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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