

Hifax TRC 298P

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Dimensional Stability		
	Good Processability		
	Good UV Resistance		
	High Flow		
	High Impact Resistance		
	Impact Copolymer		
	Paintable		
	Pleasing Surface Appearance		
Uses	Automotive Exterior Trim		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1400	MPa	ISO 527-2/1
Tensile Stress (Yield)	15.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.4	%	ISO 527-2/50
Flexural Modulus - Secant (23°C)	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C, Partial Break	30	kJ/m ²	
23°C, Partial Break	40	kJ/m ²	

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