

Hifax TRC 432P

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TRC 432P E is a medium to high melt flow, mineral filled polypropylene copolymer for injection moulding optimised for good esthetics. The grade is UV stabilised and has been specifically designed for moulding of large complex visible parts that require a good impact/stiffness balance.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Dimensional Stability		
	High Flow		
	High Stiffness		
	Medium Impact Resistance		
	Pleasing Surface Appearance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.0	MPa	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2250	MPa	ISO 178
Flexural Stress (23°C)	32.5	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	3.0	kJ/m ²	
23°C	11	kJ/m ²	
NOTE			
1.	2.0 mm/min		

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