

Hifax TRC 135X/4 BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

PP/EPR-Blend, 20% mineralfilled, impact modified, with ultra low shrinkage and high flowability for painted exterior applications.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	Impact Modifier		
Features	High Flow		
	Impact Modified		
	Low Shrinkage		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Black		
Forms	Pellets		
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)	11	g/10 min	ISO 1133
Molding Shrinkage			Internal Method
Across Flow : 23°C, 4 hr	0.55	%	
Flow : 23°C, 4 hr	0.35	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1400	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	550	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	8.0	kJ/m ²	
23°C	72	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B

Vicat Softening Temperature	110	°C	ISO 306/A50
CLTE - Flow	4.3E-5	cm/cm/°C	DIN 53752
NOTE			
1.	2.0 mm/min		

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