

Hifax TRC 134P 3004

Polypropylene Copolymer

LyondellBasell Industries

Message:

PP/EPR-Blend, mineral filled, impact modified, UV-stabilized, with ultra low shrinkage and very high flowability for unpainted exterior applications.

General Information			
Filler / Reinforcement	Mineral		
Additive	Impact Modifier		
	UV Stabilizer		
Features	Good UV Resistance		
	High Flow		
	Impact Modified		
	Low Shrinkage		
Uses	Automotive Exterior Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR)	12	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2554
Across Flow : 23°C, 48 hr	0.60	%	
Flow : 23°C, 48 hr	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1300	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	500	%	ISO 527-2/50
Flexural Modulus ² (23°C)	1500	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Dart Drop Test ³ (-20°C)	Ductile Break		DIN 53443
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	6.0	kJ/m ²	
23°C	45	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)	100	°C	ISO 75-2/B

Vicat Softening Temperature	115	°C	ISO 306/A50
CLTE - Flow (23 to 80°C)	4.2E-5	cm/cm/°C	DIN 53752
NOTE			
1.	40 bar		
2.	2.0 mm/min		
3.	Weld line, 18.2 kg, h=1 m, d=3 mm, clamp, no fat		

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