

Hifax TRC 134P C12427

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) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2554
Across Flow : 48 hr	0.60	%	
Flow : 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	125	°C	ISO 306/A50
CLTE - Flow (23 to 80°C)	4.2E-5	cm/cm/°C	DIN 53752
NOTE			
1.	plaques		
2.	2.0 mm/min		
3.	weld line, 18.2 kg, h=1m, d=3mm, clamp, no fat		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

