

Hifax HX TRC 135X/6

Polypropylene Alloy

LyondellBasell Industries

Message:

PP/EPR-Blend, 20% mineralfilled, impact modified, with ultra low shrinkage and high flowability for painted exterior applications. Contains a advanced demoulding package for improved processing.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	Impact Modifier		
	Mold Release		
Features	Good Mold Release		
	High Flow		
	Impact Modified		
	Low Shrinkage		
	Paintable		
Uses	Automotive Applications		
	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)	11	g/10 min	ISO 1133
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)	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	10	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 (23 to 80°C)	4.3E-5	cm/cm/°C	DIN 53752
NOTE			
1.	2.0 mm/min		

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