

Hifax EKC 112X

Polypropylene

LyondellBasell Industries

Message:

PP/EPR-Blend, mineral filled, impact modified

General Information			
Filler / Reinforcement	Mineral filler		
Additive	Impact modifier		
Features	Impact modification		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	8.50	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1850	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	75	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	6.0	kJ/m ²	ISO 180/1A
23°C	No Break		ISO 180/1A
Additional Information			
CLTE (final part), DIN 53752, -30°C to 85°C: 7e-5 1/K			
NOTE			
1.	2.0 mm/min		

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