

Hostacom X M2 U36

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" X M2 U36 is a 20% mineral filled PP copolymer with good stiffness toughness balance, low odour and fogging. Used typically for automotive interior, in particular for instrument panels.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Copolymer		
	Good Stiffness		
	Good Toughness		
	Low to No Fogging		
	Low to No Odor		
Uses	Automotive Applications		
	Automotive Interior Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	14.0	cm³/10min	ISO 1133
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2500	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Flexural Modulus - Secant	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.0	kJ/m²	
0°C	3.5	kJ/m²	
23°C	6.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-35°C	35	kJ/m²	
-30°C	35	kJ/m²	
23°C	95	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A

Vicat Softening Temperature	150	°C	ISO 306/A50
Flammability	Nominal Value	Unit	Test Method
Fogging - 16h (100°C)	6.0E-4	g	DIN 75201B
Emission ¹ (120°C)	17.0	µg/g	
Odor Rating ² (80°C)	3		

NOTE

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| 1. | C Emission, PV 3341 (VW-Norm),
5h |
| 2. | PV 3200 (VW-Norm), 2h, Note 1-6 |

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