

Hostacom X M2 U35

Polypropylene Copolymer

LyondellBasell Industries

Message:

20% mineral filled PP - Copolymer, good stiffness toughness balance and UV resistant. Good scratch resistance used for automotive interior.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Stiffness		
	Good Toughness		
	Good UV Resistance		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	16	g/10 min	
230°C/5.0 kg	67	g/10 min	
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	18.0	cm³/10min	
230°C/5.0 kg	78.0	cm³/10min	
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	66.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2150	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Flexural Modulus - Secant	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	4.0	kJ/m²	
23°C	7.0	kJ/m²	
Charpy Unnotched Impact Strength (23°C)	95	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	56.0	°C	ISO 75-2/A

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