

Hostacom X M1 T01

Polypropylene Copolymer
LyondellBasell Industries

Message:

"Hostacom" X M1 T01 is a 10% mineral filled elastomer modified PP copolymer with high flow, high toughness and sratch resistant. Low emissions and low odour. Used for interior applications in particular instrument panels.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	Copolymer		
	Good Toughness		
	High Flow		
	Low to No Odor		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
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 - Secant	1300	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	19.0	MPa	
Break	13.0	MPa	
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus - Secant	1200	MPa	ISO 178
Flexural Stress (23°C)	23.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m ²	
0°C	10	kJ/m ²	
23°C	35	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	150	kJ/m ²	
23°C	No Break		

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	86.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	137	°C	ISO 306/A50

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