

# Hostacom X M1 T02

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom XM1T02 is a 15% mineral filled, copolymer polypropylene based for injection moulding. The grade features a good balance rigidity / impact. Typical customer applications are automotive instrument panel. The grade is available in pellet forms, custom colour.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Features	Copolymer		
	Good Impact Resistance		
	Medium Rigidity		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	10.8	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1600	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	18.0	MPa	
Break	14.0	MPa	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C, Complete Break	4.0	kJ/m <sup>2</sup>	
0°C, Complete Break	7.0	kJ/m <sup>2</sup>	
23°C, Complete Break	12	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A

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#### Recommended distributors for this material

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