

# Hostacom X M1 T06

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hostacom X M1 T06 is a 10% mineral filled, good impact polypropylene grade for injection molding. This grade has a high fluidity and has a very good balance impact / stiffness. The grade is designed for instrument panel application. The grade is available in colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	Good Impact Resistance		
	Good Processability		
	Good Processing Stability		
	High Flow		
Uses	Automotive Instrument Panel		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1670	MPa	ISO 527-2
Tensile Stress (Yield)	21.4	MPa	ISO 527-2/50
Tensile Strain (Yield)	8.3	%	ISO 527-2/50
Flexural Modulus - Secant	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m <sup>2</sup>	
0°C	8.0	kJ/m <sup>2</sup>	
23°C	15	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A

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