

Hostacom X M3 T08

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom X M3 T08 is 25% mineral filled copolymer. The grade features very high rigidity with good impact resistance. Typical customer applications are automotive instrument panel. The grade is UV-stabilized for interior automotive applications. Grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Impact Resistance		
	High Rigidity		
Uses	Automotive Applications		
	Automotive Instrument Panel		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	11.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	55.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2200	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	20.0	MPa	
Break	15.0	MPa	
Tensile Strain			ISO 527-2/50
Yield	2.7	%	
Break	22	%	
Flexural Modulus - Secant	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	3.7	kJ/m ²	
0°C, Complete Break	6.0	kJ/m ²	
23°C, Complete Break	16	kJ/m ²	

Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	46	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	58.0	°C	ISO 75-2/A

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