

Hostacom X M2 V05

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom X M2 V05 is a 20% mineral filled, copolymer polypropylene grade for injection molding. The product specifically designed for interior trim applications features high stiffness. The grade is available in coloured, pellet form.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Copolymer		
	High Stiffness		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	23.5	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	60.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2000	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	22.0	MPa	
Break	17.5	MPa	
Tensile Strain			ISO 527-2/50
Yield	3.0	%	
Break	30	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C, Complete Break	3.4	kJ/m ²	
23°C, Complete Break	6.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	39	kJ/m ²	

23°C	88	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A

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