

Hostacom M2 T02

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom M2 T02 is a 20% mineral filled PP homopolymer with high flow, good stiffness and high heat resistance. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Good Stiffness		
	High Flow		
	Homopolymer		
	Medium Heat Resistance		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Structural Parts		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	6.0	g/10 min	
230°C/5.0 kg	26	g/10 min	
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	7.00	cm ³ /10min	
230°C/5.0 kg	30.0	cm ³ /10min	
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	90.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2700	MPa	ISO 527-2
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Flexural Modulus - Secant	2900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m ²	ISO 179/1eU
Notched Izod Impact (Area) (23°C)	3.50	kJ/m ²	DIN 53453

Impact Strength (23°C)	25.0	kJ/m ²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	74.0	°C	ISO 75-2/A

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