

Hostacom M2 N01

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" M2 N01 is a 20% mineral filled PP homopolymer, with low flow, good stiffness. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Good Stiffness		
	Homopolymer		
	Low Flow		
Uses	Automotive Under the Hood		
	Structural Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	9.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	10.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	85.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2700	MPa	ISO 527-2
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	2850	MPa	ISO 178
Flexural Stress (3.5% Strain)	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.0	kJ/m²	
23°C	4.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	20	kJ/m²	
23°C	50	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

