

Hostacom M2 U01

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" M2 U01 is a 20% mineral filled polypropylene homopolymer. The product is designed for general purpose applications and is available in natural color (not specified). It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Good Thermal Aging Resistance		
	High Flow		
	Homopolymer		
Uses	Appliances		
	General Purpose		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
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	16	g/10 min	
230°C/5.0 kg	67	g/10 min	
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	18.0	cm ³ /10min	
230°C/5.0 kg	78.0	cm ³ /10min	
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 (23°C)	2600	MPa	ISO 527-2
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	6.0	%	
Break	> 10	%	
Flexural Modulus - Secant	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	1.5	kJ/m ²	
23°C	2.5	kJ/m ²	

Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	18	kJ/m ²	
23°C	32	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°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

