

Hostacom D1124 0001

Polypropylene Homopolymer
LyondellBasell Industries

Message:

25% mixed mineral filled homopolymer with good surface quality and LTHS. Available only in natural color. FDA approval / DMF registration under file No 13038. Medical and drinking water applications on request.
Without exception, all potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Technical (P & AD) and Business contacts first.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Features	Good Heat Aging Resistance		
	Good Surface Finish		
	High Density		
	High Flow		
	Homopolymer		
Uses	Medical/Healthcare Applications		
Agency Ratings	DMF 13038		
	FDA Unspecified Rating		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	86.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2400	MPa	ISO 527-2
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	6.0	%	ISO 527-2/50
Flexural Modulus - Secant	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			
0°C	1.7	kJ/m ²	ISO 179/1
23°C	2.8	kJ/m ²	ISO 179/1A
Charpy Unnotched Impact Strength (23°C)	50	kJ/m ²	ISO 179/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°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



WECHAT