

Hostacom M2 U01 102942

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom M2 U01 102942 is a 20% talc filled PP homopolymer, with high flowability and good LTHS (long term heat stability). Please contact Lyondellbasell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in 102942 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Homopolymer		
	Good liquidity		
	High liquidity		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	15	g/10 min	ISO 1133
230°C/5.0 kg	67	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	18.0	cm ³ /10min	ISO 1133
230°C/5.0 kg	78.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2600	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	33.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	2700	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	1.5	kJ/m ²	ISO 179/1eA
23°C	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	18	kJ/m ²	ISO 179/1eU
23°C	32	kJ/m ²	ISO 179/1eU
NOTE			
1.	1.0 mm/min		

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