

Hostacom M4 U02 102943

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom M4 U02 102943 is a 40% talc filled PP homopolymer, with high flowability, outstanding stiffness and high dimensional stability. Product is available as a customized color matched, pellet form. This grade is delivered in 102943 color version.
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
	Homopolymer		
	High liquidity		
	General		
Uses	General		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.21	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	15.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4000	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	31.0	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	13	kJ/m ²	ISO 179/1eU
23°C	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	125	°C	ISO 75-2/B
1.8 MPa, not annealed	75.0	°C	ISO 75-2/A

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