

Hostacom HYP 376D NAT

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom HYP 376D NAT is an over 40% chalk filled PP homopolymer, with good detergent resistance, very good mouldability and high flowability. Please contact Basell for shrinkage recommendations.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

General Information			
Filler / Reinforcement	Chalk filler, 40% filler by weight		
Features	Homopolymer		
	Good formability		
	High liquidity		
	Detergent resistance		
Uses	Large household appliances and small household appliances		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.29	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	28.0	cm ³ /10min	ISO 1133
Ash Content (500°C)	45.5	wt%	ISO 3451-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2700	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	3.0	%	ISO 527-2
Flexural Modulus ¹ (23°C)	2800	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	2.2	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	24	kJ/m ²	ISO 179/1eU
23°C	55	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	97.0	°C	ISO 75-2/B
1.8 MPa, not annealed	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	93.0	°C	ISO 306/B

NOTE

1. 1.0 mm/min

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Recommended distributors for this material

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