

# Hostacom HKP 2034D NAT

Polypropylene Homopolymer  
LyondellBasell Industries

Message:

Hostacom HKP 2034D NAT is a mixed filler grade, PP homopolymer, with chalk filling and glass fiber reinforcing, good flowability, good processability and good dimensional stability.  
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		
	Glass fiber reinforced material		
Features	Good dimensional stability		
	Homopolymer		
	Workability, good		
	Good liquidity		
Uses	Large household appliances and small household appliances		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.10	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	11.0	cm <sup>3</sup> /10min	ISO 1133
Ash Content (500°C)	43.0	wt%	ISO 3451-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3500	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	35.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.1	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	15	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	141	°C	ISO 75-2/B
1.8 MPa, not annealed	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	105	°C	ISO 306/B

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Recommended distributors for this material

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