

Hostacom HKP 2034D NAT

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, processability, high dimensional stability.
Typical Customer Applications	Used for washing machine parts and laundry dryer parts and white goods.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	11	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.1	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	3500	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	35	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	3	%
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	15	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3.1	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	105	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	85	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	141	°C
Other			
Ash (500 °C)	ISO 3451-1	43	wt %

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

