Hostacom HKP 438D NAT

Compounded Polyolefin

Product Description

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	Under Industrialization	
Availability	Europe	(1)
Processing Method	0	
Features	0	
Typical Customer Applications	0	

Typical Properties	Method	Value	Unit
Physical			
Density (23 °C)	ISO 1183-1/A	1.26	g/cm3
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	11	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	11	cm^3/10 min
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	2800	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	22	MPa
Tens.Strain at Break	ISO 527-1, -2	>40	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2900	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	60	kJ/m^2
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	25	kJ/m^2
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m^2
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	1.5	kJ/m^2
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	90	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	56	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	100	°C

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.

Notes

Typical properties; not to be construed as specifications.
(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.