Hostacom M2 R18 NAT

Compounded Polyolefin

Product Description

Hostacom M2 R18 NAT is a mineral filled PP homopolymer, with medium melt flow rate.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Medium melt flow rate.	
Typical Customer Applications	Used for appliances.	

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	11	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	12	cm^3/10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm^3
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	3200	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	37	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	5.0	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	3100	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	50	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	100	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	62	°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.