Hostacom HRC 242D NAT

Compounded Polyolefin

Product Description

Hostacom HRC 242D NAT is a mineral filled PP homopolymer, with high 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	High 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	16	g/10 min
Density (23 °C)	ISO 1183-1/A	1.07	g/cm^3
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	18	cm^3/10 min
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2900	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	2800	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	5.0	%
Impact			
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	18	kJ/m^2
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	1.5	kJ/m^2
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m^2
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	32	kJ/m^2
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	65	°C
Vicat Softening Temperature B (50 N)	ISO 306	102	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	115	°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.