



## 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

<b>Status</b>	Commercial	
<b>Availability</b>	Europe	(1)
<b>Processing Method</b>	Injection molding	
<b>Features</b>	High melt flow rate.	
<b>Typical Customer Applications</b>	Used for appliances.	

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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 <sup>3</sup>
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	18	cm <sup>3</sup> /10 min
<b>Mechanical</b>			
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	%
<b>Impact</b>			
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	18	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	1.5	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m <sup>2</sup>
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	32	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.