



## Hostacom PPR 4142

### Compounded Polyolefin

#### Product Description

Hostacom PPR 4142 is an unfilled PP homopolymer, with low 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	Low melt flow rate.	
Typical Customer Applications	Used for standard applications.	

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	4.1	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	5.6	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	0.90	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	1100	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	26	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7.0	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1000	MPa
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	n.b.	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	12.0	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	4.5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	70	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	50	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	75	°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.