



## Hostacom M2 N42 LG84014

Compounded Polyolefin

IMDS Number: 19512812

### Product Description

Hostacom M2 N42 LG84014 is a 20% talc filled PP homopolymer, with high color stability, high hot water resistance and high detergent resistance. The product is also available as a customized color matched, pellet form. Product is UL listed. This grade is delivered in G84014 color version.

*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	Commercial
Processing Method	Injection molding
Features	Hot water resistance, detergent resistance.
Typical Customer Applications	Designed for dishwasher parts.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	8	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	9	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	2800	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	35	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2800	MPa
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	50	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3.5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	95	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	68	°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.

