

## Hostacom M2 N01

### Compounded Polyolefin

#### Product Description

Hostacom M2 N01 is a 20% talc filled PP homopolymer, with low melt flow rate and good stiffness. This grade is delivered in natural color version.

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

#### Product Characteristics

<b>Status</b>	Commercial
<b>Processing Method</b>	Injection molding
<b>Features</b>	Low melt flow rate, stiffness.
<b>Typical Customer Applications</b>	Used for injection moulding general purpose.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	9	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	10	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	2700	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	32	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	4	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	70	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	120	°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.

