

## Technical Data Sheet

### Hostacom M4 N01



Polypropylene Compounds

#### Product Description

Hostacom M4 N01 is a 40% talc filled PP homopolymer, with low melt flow rate and outstanding stiffness. Product is available as a customized color matched, pellet form. This grade is delivered in natural color version.

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

<b>Application</b>	Automotive Parts
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/5.0 kg)	11	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	11	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	1.21	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	4300	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	3.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	30	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	75	°C	ISO 75A-1, -2