

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.

Application Automotive Parts

Market Automotive

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
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 ³ /10 min	ISO 1133-1
Density, (23 °C)	1.21	g/cm ³	ISO 1183-1/A
Mechanical			
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
Impact			
Charpy Impact Strength - Notched, (23 °C)	3.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	30	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	75	°C	ISO 75A-1, -2