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.

Regulatory Status

For regulatory compliance information, see *Hostacom* M4 N01 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

Status	Commercial: Active
Availability	Europe
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	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.21	g/cm³	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/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	30	kJ/m²	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

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

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

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

© LyondellBasell Industries Holdings, B.V. 2026

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.