

## Technical Data Sheet

### Hostacom M4 N01 C1 BLACK



Polypropylene Compounds

#### Product Description

Hostacom M4 N01 C1 Black is a 40% talc filled PP homopolymer, with outstanding stiffness. Product is available as a customized color matched, pellet form. This grade is delivered in black color.

#### Regulatory Status

For regulatory compliance information, see Hostacom M4 N01 C1 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                   |                                           |
|-------------------|-------------------------------------------|
| Status            | Commercial: Active                        |
| Availability      | Asia-Pacific                              |
| Market            | Automotive                                |
| Processing Method | Injection Molding                         |
| Attribute         | Good Dimensional Stability; High Rigidity |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 3.0           | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.21          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus                                          | 3600          | MPa               | ISO 178       |
| Tensile Modulus, (23 °C)                                  | 3100          | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                          | 27            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                 | 5.0           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C)               | 45            | kJ/m <sup>2</sup> | ISO 179-1/1eU |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 113           | °C                | ISO 75B-1, -2 |

## Notes

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

## 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.

## Company Information

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

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