

# Hostacom M2 N01 102942

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

Hostacom M2 N01 102942 is a 20% talc filled PP homopolymer, with low melt flow rate and good stiffness. The product is available in black color, pellet form. This grade is delivered in 102942 color version.

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

| General Information                        |                                   |                        |             |
|--|-----------------------------------|------------------------|-------------|
| Filler / Reinforcement                     | Talc filler, 20% filler by weight |                        |             |
| Features                                   | Rigid, good                       |                        |             |
|  | Homopolymer                       |                        |             |
|  | Low liquidity                     |                        |             |
|  | General                           |                        |             |
| Uses                                       | General                           |                        |             |
| Appearance                                 | Black                             |                        |             |
| Forms                                      | Particle                          |                        |             |
| Processing Method                          | Injection molding                 |                        |             |
| Physical                                   | Nominal Value                     | Unit                   | Test Method |
| Density (23°C)                             | 1.06                              | g/cm <sup>3</sup>      | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)   | 9.0                               | g/10 min               | ISO 1133    |
| Melt Volume-Flow Rate (MVR) (230°C/5.0 kg) | 10.0                              | cm <sup>3</sup> /10min | ISO 1133    |
| Mechanical                                 | Nominal Value                     | Unit                   | Test Method |
| Tensile Modulus (23°C)                     | 2700                              | MPa                    | ISO 527-2   |
| Tensile Stress (Yield, 23°C)               | 32.0                              | MPa                    | ISO 527-2   |
| Impact                                     | Nominal Value                     | Unit                   | Test Method |
| Charpy Notched Impact Strength (23°C)      | 4.0                               | kJ/m <sup>2</sup>      | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)    | 50                                | kJ/m <sup>2</sup>      | ISO 179/1eU |
| Thermal                                    | Nominal Value                     | Unit                   | Test Method |
| Heat Deflection Temperature                |                                   |                        |             |
| 0.45 MPa, not annealed                     | 120                               | °C                     | ISO 75-2/B  |
| 1.8 MPa, not annealed                      | 70.0                              | °C                     | ISO 75-2/A  |

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