

## Technical Data Sheet

### Hostacom M2 N01 102942



Polypropylene Compounds

#### Product Description

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.

|                   |                   |
|-------------------|-------------------|
| Application       | Underhood         |
| Market            | Automotive        |
| Processing Method | Injection Molding |
| Attribute         | Low Flow          |

| Typical Properties                          | Nominal Value | Units                   | Test Method   |
|---------------------------------------------|---------------|-------------------------|---------------|
| <b>Physical</b>                             |               |                         |               |
| Melt Flow Rate, (230 °C/5.0 kg)             | 9             | g/10 min                | ISO 1133-1    |
| Melt Volume Flow Rate, (230 °C/5.0 kg)      | 10            | cm <sup>3</sup> /10 min | ISO 1133-1    |
| Density, (23 °C)                            | 1.06          | g/cm <sup>3</sup>       | ISO 1183-1/A  |
| <b>Mechanical</b>                           |               |                         |               |
| Tensile Modulus, (23 °C)                    | 2700          | MPa                     | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)            | 32            | MPa                     | ISO 527-1, -2 |
| <b>Impact</b>                               |               |                         |               |
| Charpy Impact Strength - Notched, (23 °C)   | 4             | kJ/m <sup>2</sup>       | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C) | 50            | kJ/m <sup>2</sup>       | ISO 179-1/1eU |
| <b>Thermal</b>                              |               |                         |               |
| Deflection Temperature Under Load           |               |                         |               |
| (0.45 MPa, Unannealed)                      | 120           | °C                      | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed)                      | 70            | °C                      | ISO 75A-1, -2 |

#### Notes

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

