

## Technical Data Sheet

### Hostacom M2 N42 LG84014



Polypropylene Compounds

#### Product Description

Hostacom M2 N42 LG84014 is a mineral filled PP homopolymer with low melt flow rate. Product is UL listed.

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

|                          |                          |
|--------------------------|--------------------------|
| <b>Status</b>            | Commercial: Active       |
| <b>Availability</b>      | Europe; North America    |
| <b>Application</b>       | White Goods              |
| <b>Market</b>            | Electrical / Electronics |
| <b>Processing Method</b> | Injection Molding        |

| Typical Properties                          | Nominal Value | Units                   | Test Method   |
|---|---------------|-------------------------|---------------|
| <b>Physical</b>                             |               |                         |               |
| Melt Flow Rate, (230 °C/5.0 kg)             | 7             | g/10 min                | ISO 1133-1    |
| Melt Volume Flow Rate, (230 °C/5.0 kg)      | 9             | cm <sup>3</sup> /10 min | ISO 1133-1    |
| Density, (23 °C)                            | 1.05          | g/cm <sup>3</sup>       | ISO 1183-1/A  |
| <b>Mechanical</b>                           |               |                         |               |
| Flexural Modulus, (23 °C, Tech. A)          | 3400          | MPa                     | ISO 178/A1    |
| Tensile Modulus, (23 °C)                    | 3000          | MPa                     | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)            | 37            | MPa                     | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)            | 5             | %                       | 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) | 55            | kJ/m <sup>2</sup>       | ISO 179-1/1eU |
| <b>Thermal</b>                              |               |                         |               |
| Vicat Softening Temperature, (B50)          | 95            | °C                      | ISO 306       |
| Deflection Temperature Under Load           |               |                         |               |
| (0.45 MPa, Unannealed)                      | 115           | °C                      | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed)                      | 68            | °C                      | ISO 75A-1, -2 |