

# Technical Data Sheet

## Hostacom M2N42 L356015 GRY



Polypropylene Compounds

### Product Description

Hostacom M2N42 L356015 GRY is a mineral filled PP homopolymer with low melt flow rate. Product is UL listed.

|                   |                          |
|-------------------|--------------------------|
| Application       | White Goods              |
| Market            | Electrical / Electronics |
| Processing Method | Injection Molding        |
| Attribute         | Low Flow                 |

| Typical Properties                          | Nominal Value | Units                   | Test Method   |
|---------------------------------------------|---------------|-------------------------|---------------|
| <b>Physical</b>                             |               |                         |               |
| Melt Volume Flow Rate, (230 °C/5.0 kg)      | 8             | 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>                           |               |                         |               |
| Flexural Modulus, (23 °C, Tech. A)          | 3600          | MPa                     | ISO 178/A1    |
| Tensile Modulus, (23 °C)                    | 3150          | MPa                     | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)            | 36            | MPa                     | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)            | 6             | %                       | ISO 527-1, -2 |
| <b>Impact</b>                               |               |                         |               |
| Charpy Impact Strength - Notched, (23 °C)   | 7.5           | kJ/m <sup>2</sup>       | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C) | 79            | kJ/m <sup>2</sup>       | ISO 179-1/1eU |
| <b>Thermal</b>                              |               |                         |               |
| Vicat Softening Temperature, (B50)          | 106           | °C                      | ISO 306       |
| Deflection Temperature Under Load           |               |                         |               |
| (0.45 MPa, Unannealed)                      | 125           | °C                      | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed)                      | 69            | °C                      | ISO 75A-1, -2 |
| <b>Flammable</b>                            |               |                         |               |
| Flame Rating - UL                           |               |                         |               |
| (1.5 mm)                                    | HB            |                         | UL 94         |
| (3.0 mm)                                    | HB            |                         | UL 94         |