

## Technical Data Sheet

### Hostacom M3 U42 LW92607 WHT



Polypropylene Compounds

#### Product Description

Hostacom M3 U42 LW92607 WHT is a 30% talc filled PP homopolymer that has a medium melt flow rate and high stiffness. The product is available in pellet form.

|                   |                   |
|-------------------|-------------------|
| Application       | Appliances        |
| Market            | Consumer Products |
| Processing Method | Injection Molding |
| Attribute         | High Stiffness    |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 16            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.14          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C)                                 | 3200          | MPa               | ISO 178       |
| Tensile Modulus, (23 °C, 50 mm/min, Chord)                | 3800          | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                          | 33            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C)                          | 5             | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength, (23 °C)                     | 3             | kJ/m <sup>2</sup> | ISO 180       |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 70            | °C                | ISO 75A-1, -2 |
| <b>Additional Information</b>                             |               |                   |               |
| Mold Shrinkage                                            |               |                   | ISO 294-4     |

Please contact LyondellBasell for shrinkage recommendations.

