

# Hostacom G2 U42 L356015

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

Hostacom G2 U42 L356015 is a glass fiber reinforced PP homopolymer, with medium melt flow rate. Product is UL listed. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

| General Information                               |                                 |                        |             |
|---------------------------------------------------|---------------------------------|------------------------|-------------|
| Filler / Reinforcement                            | Glass fiber reinforced material |                        |             |
| Features                                          | Homopolymer                     |                        |             |
|                                                   | Medium liquidity                |                        |             |
| Uses                                              | Electrical appliances           |                        |             |
| Processing Method                                 | Injection molding               |                        |             |
| Physical                                          | Nominal Value                   | Unit                   | Test Method |
| Density (23°C)                                    | 1.05                            | g/cm <sup>3</sup>      | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 14                              | g/10 min               | ISO 1133    |
| Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)       | 16.5                            | cm <sup>3</sup> /10min | ISO 1133    |
| Mechanical                                        | Nominal Value                   | Unit                   | Test Method |
| Tensile Modulus (23°C)                            | 4600                            | MPa                    | ISO 527-2   |
| Tensile Stress (Yield, 23°C)                      | 72.0                            | MPa                    | ISO 527-2   |
| Tensile Strain (Break)                            | 3.5                             | %                      | ISO 527-2   |
| Flexural Modulus <sup>1</sup> (23°C)              | 4000                            | MPa                    | ISO 178/A   |
| Impact                                            | Nominal Value                   | Unit                   | Test Method |
| Charpy Notched Impact Strength (23°C)             | 6.0                             | kJ/m <sup>2</sup>      | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)           | 35                              | kJ/m <sup>2</sup>      | ISO 179/1eU |
| Thermal                                           | Nominal Value                   | Unit                   | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 125                             | °C                     | ISO 75-2/A  |
| Vicat Softening Temperature                       | 125                             | °C                     | ISO 306/B   |
| NOTE                                              |                                 |                        |             |
| 1.                                                | 1.0 mm/min                      |                        |             |

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