

# Hylon® N1040GBHL

Polyamide 66

Ravago Manufacturing Americas, LLC

## Message:

Nylon 66, 40% Glass Beads

| General Information                               |                                 |                   |             |
|---------------------------------------------------|---------------------------------|-------------------|-------------|
| Filler / Reinforcement                            | Glass Bead,40% Filler by Weight |                   |             |
| RoHS Compliance                                   | RoHS Compliant                  |                   |             |
| UL File Number                                    | E157012                         |                   |             |
| Physical                                          | Nominal Value                   | Unit              | Test Method |
| Density                                           | 1.46                            | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage - Flow (3.18 mm)                | 0.10 to 0.50                    | %                 | ISO 294-4   |
| Mechanical                                        | Nominal Value                   | Unit              | Test Method |
| Tensile Stress (Break)                            | 86.0                            | MPa               | ISO 527-2   |
| Tensile Strain (Break)                            | 3.0                             | %                 | ISO 527-2   |
| Flexural Modulus                                  | 5000                            | MPa               | ISO 178     |
| Flexural Stress                                   | 125                             | MPa               | ISO 178     |
| Impact                                            | Nominal Value                   | Unit              | Test Method |
| Notched Izod Impact Strength                      | 10                              | kJ/m <sup>2</sup> | ISO 180     |
| Thermal                                           | Nominal Value                   | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 107                             | °C                | ISO 75-2/A  |

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