

# Hylon® N2215THL

Polyamide 6

Ravago Manufacturing Americas, LLC

## Message:

Nylon 6, 15% Glass Filled, Impact Modified

| General Information                               |                                   |                   |             |
|---------------------------------------------------|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement                            | Glass Fiber, 15% Filler by Weight |                   |             |
| Additive                                          | Impact Modifier                   |                   |             |
| Features                                          | Impact Modified                   |                   |             |
| RoHS Compliance                                   | RoHS Compliant                    |                   |             |
| UL File Number                                    | E157012                           |                   |             |
| Physical                                          | Nominal Value                     | Unit              | Test Method |
| Density                                           | 1.20                              | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage - Flow (3.18 mm)                | 0.40 to 0.70                      | %                 | ISO 294-4   |
| Mechanical                                        | Nominal Value                     | Unit              | Test Method |
| Tensile Stress (Break)                            | 95.0                              | MPa               | ISO 527-2   |
| Tensile Strain (Break)                            | 3.5                               | %                 | ISO 527-2   |
| Flexural Modulus                                  | 4220                              | MPa               | ISO 178     |
| Flexural Stress                                   | 132                               | MPa               | ISO 178     |
| Impact                                            | Nominal Value                     | Unit              | Test Method |
| Notched Izod Impact Strength                      | 12                                | kJ/m <sup>2</sup> | ISO 180     |
| Thermal                                           | Nominal Value                     | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 170                               | °C                | ISO 75-2/A  |

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