

# Hylon® N2243L

Polyamide 6

Ravago Manufacturing Americas, LLC

## Message:

Nylon 6, 43% Glass Filled

| General Information                |                                  |                   |             |
|------------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement             | Glass Fiber,43% Filler by Weight |                   |             |
| RoHS Compliance                    | RoHS Compliant                   |                   |             |
| UL File Number                     | E157012                          |                   |             |
| Physical                           | Nominal Value                    | Unit              | Test Method |
| Density                            | 1.50                             | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage - Flow (3.18 mm) | 0.30 to 0.50                     | %                 | ISO 294-4   |
| Water Absorption (23°C, 24 hr)     | 0.80                             | %                 | ISO 62      |
| Hardness                           | Nominal Value                    | Unit              | Test Method |
| Rockwell Hardness (M-Scale)        | 121                              |                   | ISO 2039-2  |
| Mechanical                         | Nominal Value                    | Unit              | Test Method |
| Tensile Stress (Break)             | 165                              | MPa               | ISO 527-2   |
| Tensile Strain (Break)             | 2.0                              | %                 | ISO 527-2   |
| Flexural Modulus                   | 9310                             | MPa               | ISO 178     |
| Flexural Stress                    | 234                              | MPa               | ISO 178     |
| Impact                             | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact Strength       | 10                               | kJ/m <sup>2</sup> | ISO 180     |
| Flammability                       | Nominal Value                    |                   | Test Method |
| Flame Rating (1.50 mm)             | HB                               |                   | UL 94       |

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