

# Ravamid® A NC

Polyamide 66

Ravago Group

## Message:

Natural, general purpose, medium viscosity

All the products are also available Heat Stabilized (H) and UV Stabilized (UV)

| General Information                                     |                                   |                   |                              |
|---------------------------------------------------------|-----------------------------------|-------------------|------------------------------|
| Recycled Content                                        | Yes                               |                   |                              |
| Features                                                | General Purpose                   |                   |                              |
|                                                         | Medium Viscosity                  |                   |                              |
| Uses                                                    | General Purpose                   |                   |                              |
| Appearance                                              | Natural Color                     |                   |                              |
| Physical                                                | Nominal Value                     | Unit              | Test Method                  |
| Specific Gravity                                        | 1.14                              | g/cm <sup>3</sup> | ASTM D792, ISO 1183          |
| Molding Shrinkage - Flow                                | 1.5 to 2.0                        | %                 | ASTM D955                    |
| Humidity                                                | < 0.25                            | %                 | ISO 960                      |
| Mechanical                                              | Nominal Value                     | Unit              | Test Method                  |
| Tensile Strength                                        |                                   |                   | ASTM D638, ISO 527-2         |
| Yield                                                   | 65.0                              | MPa               |                              |
| Break                                                   | 62.0                              | MPa               |                              |
| Tensile Elongation (Break)                              | 50                                | %                 | ASTM D638, ISO 527-2         |
| Flexural Modulus                                        | 2200                              | MPa               | ASTM D790, ISO 178           |
| Impact                                                  | Nominal Value                     | Unit              | Test Method                  |
| Notched Izod Impact (Area) (23°C)                       | 7.00                              | kJ/m <sup>2</sup> | ASTM D256                    |
| Notched Izod Impact Strength (23°C)                     | 7.0                               | kJ/m <sup>2</sup> | ISO 180/1A                   |
| Thermal                                                 | Nominal Value                     | Unit              | Test Method                  |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 70.0                              | °C                | ASTM D648, ISO 75-2/A        |
| Vicat Softening Temperature                             | 220                               | °C                | ISO 306/B50, ASTM D1525<br>1 |
| Flammability                                            | Nominal Value                     | Unit              | Test Method                  |
| Flame Rating                                            |                                   |                   | UL 94                        |
| 1.60 mm                                                 | HB                                |                   |                              |
| 3.20 mm                                                 | HB                                |                   |                              |
| Glow Wire Flammability Index (2.00 mm)                  | 650                               | °C                | IEC 60695-2-12               |
| NOTE                                                    |                                   |                   |                              |
| 1.                                                      | Rate A (50°C/h), Loading 2 (50 N) |                   |                              |

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