



Ravamid® A NC

Ravago Manufacturing Europe - Polyamide 66

General Information

Product Description

Polyamide 66 natural unfilled, also available Heat Stabilized (H) and UV Stabilized (UV) designed for automotive and E&E application.

General

| | |
|------------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Recycled Content | • Yes |
| Appearance | • Natural Color |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|-------------------|----------------|
| Density | 1.14 | g/cm ³ | ISO 1183 |
| Molding Shrinkage | 1.5 | % | ISO 2577 |
| Relative Viscosity | 2.85 | | ASTM D789 |
| Humidity | < 0.25 | % | ISO 960 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2800 | MPa | ISO 527-1 |
| Tensile Stress (Yield) | 75.0 | MPa | ISO 527-2 |
| Tensile Stress (Break) | 70.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 25 | % | ISO 527-2 |
| Flexural Modulus | 2600 | MPa | ISO 178 |
| Flexural Stress (23°C) | 100 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength (23°C) | 7.0 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 1.8 MPa, Unannealed | 70.0 | °C | ISO 75-2/A |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | | | UL 94 |
| 1.6 mm | | HB | |
| 3.2 mm | | HB | |
| Glow Wire Flammability Index (2.0 mm) | 650 | °C | IEC 60695-2-12 |

Notes

¹ Typical properties: these are not to be construed as specifications.