

# DINALON® A1S25

Polyamide 66

Grupo Repol

Message:

DINALON®A1S25 is a polyamide 66 (nylon 66) product. It is available in Europe.

| General Information                               |               |                   |             |
|---------------------------------------------------|---------------|-------------------|-------------|
| Appearance                                        | Natural color |                   |             |
| Forms                                             | Particle      |                   |             |
| Physical                                          | Nominal Value | Unit              | Test Method |
| Density                                           | 1.14          | g/cm <sup>3</sup> | ISO 1183/A  |
| Mechanical                                        | Nominal Value | Unit              | Test Method |
| Tensile Modulus                                   | 3000          | MPa               | ISO 527-2   |
| Tensile Stress (Break)                            | 75.0          | MPa               | ISO 527-2   |
| Tensile Strain (Yield)                            | 5.0           | %                 | ISO 527-2   |
| Flexural Modulus                                  | 2300          | MPa               | ISO 178     |
| Flexural Stress                                   | 95.0          | MPa               | ISO 178     |
| Impact                                            | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)             | 5.0           | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)           | No Break      |                   | ISO 179/1eU |
| Thermal                                           | Nominal Value | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 60.0          | °C                | ISO 75-2/A  |
| Vicat Softening Temperature                       | 230           | °C                | ISO 306/B   |
| Additional Information                            |               |                   |             |
| Humidity, Karl-Fisher, ISO 15512/A: 230°C         |               |                   |             |

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