

TECHNICAL DATA SHEET

RILSAN® PA11 D80 NAT

POLYAMIDE 11 POWDER

RILSAN® D80 NAT is a polyamide 11 powder obtained from renewable resources with an average diameter of 95 - 105µm. RILSAN® D is a range of high performance fine polyamide powders used as multifunctional additives in coatings and varnishes. The introduction of RILSAN® polyamide powders in formulations is easy thanks to their good dispersion capacity, their reduced Impact on rheology and their low density. RILSAN® polyamide powders are surface modifiers, specifically designed for texture creation. Abrasion, scratch, impact resistances and flexibility of coatings, inks and varnishes can be significantly improved using RILSAN® polyamide powders.

Designation

- PA11

Delivery Form

- Powder

Transformation Processes

- Formulation ingredients

Additives

- Heat Stabilized

| PROPERTIES | VALUE | TEST STANDARD |
|-------------------------------|------------|----------------|
| Melting temperature, 10°C/min | 183-188 °C | ISO 11357-1/-3 |

OTHER PROPERTIES

| PROPERTIES | VALUE | TEST STANDARD |
|------------------------------------------|------------|---------------|
| Median particles (D50) | 95-105 µm | ISO 13319 |
| Water absorption, 24h | ≤ 1 % | ISO 62 |
| Apparent density, Non compacted | 0.47 | ISO 1068 |
| Specific gravity of coating, 20°C (68°F) | 1.04 g/cm³ | ISO 1183-1 |

SHELF LIFE

Five years shelf life from date of delivery, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

SPECIAL CHARACTERISTICS

- Bio-based

Headquarter: Arkema France
 420, rue d'Estienne d'Orves
 92705 Colombes Cedex – France
 T +33 (0)1 49 00 80 80