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	Delivery Form		
• PA11	Powder		
	Transformation Processes		
	Formulation ingredients		
	Additives		
	Heat Stabilized		
PROPERTIES	VALUE	TEST STANDARD	
Melting temperature, 10°C/min	183-188 °C	ISO 11357-1/-3	

Melting temperature, 10°C/min

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/cm ³	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

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