

RILSAN® D30 NATURAL

RILSAN® D30 NAT is a polyamide 11 powder obtained from renewable resources with an average diameter of 21 - 27 µm.

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.

MAIN CHARACTERISTICS

PROPERTIES	VALUE	UNIT	TEST STANDARD
POWDER PROPERTIES			
Particle Size Distribution, Median Size	21 - 27	µm	ISO 13320
Melting Temperature	186	°C	ISO 1218
Non Tapped Density	0.34	-	ISO 1068
POWDER COATING PROPERTIES			
Specific Gravity of Coating, 20°C	1.04	-	ISO 1183
Water Absorption, 24h	≤1	%	ISO 62-1

APPLICATION PROPERTIES

- **Texturing agent (rough texture)** Texture depends on amount of Orgasol® polyamide powder, dry coating thickness and conditions of curing.
- **Abrasion & Scratch resistance improvement** reinforces the mechanical properties of the coating
- **Compatible with most resins used in coating industry** suitable for solvent-based, water-based and 100% solid UV-curable systems
- **Compliant with FDA regulations (FDA 177-1500 and FDA 175-300)**

MAIN APPLICATIONS:

- Coil coating
- Wood coating
- Plastic coating

PACKAGING

This grade is delivered in 15kg bag.

SHELF LIFE

Five years from the date of delivery. For any use after this limit, please refer to our technical services.

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rilsan.com

Arkema Inc. – Technical Polymers
900 First Avenue
King of Prussia, PA 19406
Tel.: +1 610 205 7000
Fax: +1 610 205 7497
arkema-america.com

RILSAN®
BY ARKEMA

Headquarters: Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex – France
Tel.: +33 1 49 00 80 80
Fax: +33 1 49 00 83 96
arkema.com