RILSAN®
D60 NATURAL

RILSAN® D60 NAT is a polyamide 11 powder obtained from renewable resources with an average diameter of 43 - 55µm.

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.

PROPERTIES	VALUE	UNIT	TEST STANDARD
POWDER PROPERTIES			
Particle Size Distribution, Median Size	43 - 55	mm	-
	1.69 - 2.17	in	
Melting Temperature	186	°C	ISO 1218
	367	°F	
Non Tapped Density	0.38	-	ISO 1068
POWDER COATING PROPERTIES			
Specific Gravity of Coating, 20°C	1.04	-	ISO 1183
Water Absorption, 24h	≤1	%	ISO 62

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 20kg bag.

SHELF LIFE

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

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790 SDC/11-2018
Source: automatically generated TDS from Material Database on 20-02-2024

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