ORGASOL® 2002 ES4 NAT 3

ORGASOL® 2002 ES4 NAT 3 is spheroidal polyamide 12 powder with a narrow particle size distribution and an average diameter of 40µm.

ORGASOL® 2002 ES4 NAT 3 has a melting temperature of 177°C. An extremely high level of quality is achieved through rigorous control of the particle size distribution & porosity, ensuring excellent consistency of performance.

ORGASOL® is a range of high performance ultra-fine polyamide powders used as multifunctional additives in coatings, inks, varnishes and technical compounds.
The introduction of ORGASOL® polyamide powders in formulations is easy thanks to their good dispersion capacity, their reduced Impact on rheology and their low density.
ORGASOL® polyamide powders are surface modifiers, specifically designed for gloss control, texture creation and haptic properties adjustment. They also improve blocking resistance and reduce coefficient of friction.
Abrasion, scratch, impact resistances and flexibility of coatings, inks and varnishes and technical compounds can be significantly improved using ORGASOL® polyamide powders.

POWDER PROPERTIES		VALUE	UNIT	TEST STANDARD
Appearance		White spheroïdal powder	-	Visual
Particle Size Distribution	≤ 20µm	2	%	ISO 13319
	≥ 60µm	5	%	
	Median Size	40	µm	
		0.00157	in	

APPLICATION PROPERTIES

- **Texturing agent (smooth 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
- **Anti-slippery additive** Increased roughness of the coating and easily cleanable surface
- **Compatible with most resins used in coating industry** suitable for solvent-based, water-based and 100% solid UV-curable systems

MAIN APPLICATIONS:

- Coil coating
- Plastic coating
- Floor coating
- Wood coating

PACKAGING

This grade is delivered in 20kg bag.

SHELF LIFE

3 years from date of delivery in closed original packaging away from heat and moisture. For any use after this limit, please refer to our technical services.

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Source: automatically generated TDS from Material Database on 20-02-2024

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DELIVERY FORM

Powder

REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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