

ORGASOL® 2002 EXD NAT 1 is spheroidal polyamide 12 powder with a narrow particle size distribution and an average diameter of 10µm.

ORGASOL® 2002 EXD NAT 1 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, and as a polymer processing aid (PPA) for polyolefins.

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 spheroidal powder	-	Visual
	≤ 5µm	2	%
Particle Size Distribution	≥ 20µm	2	ISO 13319
	Median Size	10	µm
		0.000394	in

## APPLICATION PROPERTIES

- **Matting / texturing agent (smooth texture)** Best matting efficiency is obtained for coatings thickness inferior to 20µm
- **Abrasion & Scratch resistance improvement** reinforces the mechanical properties of the coating
- **Pleasant hand touch additive** suitable for soft touch coating formulation
- **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:

- Can coating
- Rubbers coating
- Wood coating
- PPA for polyolefins
- Plastic coating

## PACKAGING

This grade is delivered in 15kg 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.

<b>DELIVERY FORM</b>  Powder	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com
<b>SPECIAL CHARACTERISTICS</b>  Food Contact Approval	
<b>REGIONAL AVAILABILITY</b>  North America, Europe, Asia Pacific, South and Central America, Near East/Africa	Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com

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 Source: automatically generated TDS from Material Database on 12-08-2024