

ORGASOL® 2001 EXD NAT 1 is spheroidal polyamide 12 powder with a narrow particle size distribution and an average diameter of 10µm.

ORGASOL® 2001 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.

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

## MAIN APPLICATIONS:

- Coil coating
- Plastic coating
- Floor coating
- Rubbers coating
- Wood 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.

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

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

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 12-08-2024