

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.

パウダーの特性	値	単位	テスト基準
Appearance	White spheroidal powder	-	Visual
	≤ 5µm	2	%
Particle Size Distribution	≥ 20µm	2	%
平均粒径	10	µm	ISO 13319
	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
- Wood coating
- Plastic coating
- Rubbers coating
- PPA for polyolefins

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.

納入形状 パウダー	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com
特殊な特性 Food Contact Approval	
領域別の利用可能性 北アメリカ, ヨーロッパ, アジア/太平洋地域, 南・中央アメリカ, 近東/アフリカ	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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