

# ORGASOL®

# 1002 D NAT 1

ORGASOL® 1002 D NAT 1 is spheroidal polyamide 6 powder with a narrow particle size distribution and an average diameter of 20µm.

Orgasol® 1002 D NAT 1 has a high melting temperature, above 210°C: the shape of the particles and the particle size distribution are preserved even when processed at high temperatures. 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
	≤ 10µm	10	%
Particle Size Distribution	≥ 30µm	15	%
	Median Size	20	µm
		0.000787	in

## APPLICATION PROPERTIES

- **Matting / texturing agent (smooth texture):** Best matting efficiency is obtained for coatings thickness inferior to 30µm
- **Abrasion & Scratch resistance improvement:** reinforces the mechanical properties of the coating
- **Dry lubricant / pleasant hand touch additive**
- **Toughening agent in thin-layered epoxy structures**

## MAIN APPLICATIONS:

- Coil coating, Floor coating
- Wood coating
- Plastic coating
- Rubbers coating
- Composites

## PACKAGING

This grade is delivered in 20kg bag.

## SHELF LIFE

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

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<b>DELIVERY FORM</b> Powder	
<b>REGIONAL AVAILABILITY</b> North America, Europe, Asia Pacific, South and Central America, Near East/Africa	