



## TECHNICAL DATA SHEET

# Orgasol<sup>®</sup> 2001 EXD NAT 1



### MAIN APPLICATIONS

**Wood coating, plastic coating, rubber coating and flooring**

ORGASOL<sup>®</sup> 2001 EXD NAT 1 is a **spheroidal powder** of polyamide 12, with **10 µm** as average diameter and a **narrow particle size distribution**. An extremely high level of quality is achieved thanks to our rigorous control of particle size distribution, providing excellent **consistency in performance**.

ORGASOL<sup>®</sup> 2001 EXD NAT 1 is used as additive in coatings to provide **scratch and abrasion resistance and to adjust gloss level**.

The best performances are obtained in coatings with low thickness (below approx. 20 µm). The **high chemical resistance of polyamide 12** and the particle size distribution are among the key parameters that make ORGASOL<sup>®</sup> 2001 EXD NAT 1 **compatible with most resins** and common formulating additives used in coating industry. It can be added to interior or exterior paints and **easily dispersed in solvent or water based or 100% solid UV curable systems**.

### CHARACTERISTICS

		METHOD
Appearance:	White spheroidal powder	Visual
Average diameter:	10 microns	ISO 13319
Particle size distribution:		
Fine particles < 5 microns	2 max. %	ISO 13319
Coarse particles > 20 microns	2 max. %	ISO 13319
Average Specific Surface Area:	4 m <sup>2</sup> /g	ISO 9277
Apparent density unpacked:	0.275 g/cm <sup>3</sup>	ISO 1068
Melting point:	177 °C	ISO 11357-3

### PACKAGING

15 Kg multilayers bags

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