



## TECHNICAL DATA SHEET

# Orgasol<sup>®</sup> 2002 D NAT 1



### MAIN APPLICATIONS

**Wood coating, plastic coating, metal coating, coil coating, rubber coating, composite and flooring**

ORGASOL<sup>®</sup> 2002 D NAT 1 is a spheroidal powder of polyamide 12, with 20 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> 2002 D NAT 1 is used as a multifunctional additive in coatings. It improves the scratch and the abrasion resistance while providing a satin velvety finish thanks to the spheroidal shape of the particles. It can be used as well to increase the flexibility of thermoset resins used for metal coatings.

The high chemical resistance of polyamide 12 and the particle size distribution are among the key parameters that make ORGASOL<sup>®</sup> 2002 D 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
<b>Appearance:</b>	White spheroidal powder	Visual
<b>Average diameter:</b>	20 microns	ISO 13319
<b>Particle size distribution:</b>		
<b>Fine particles &lt; 10 microns</b>	5 max. %	ISO 13319
<b>Coarse particles &gt; 30 microns</b>	5 max. %	ISO 13319
<b>Average Specific Surface Area:</b>	1 m <sup>2</sup> /g	ISO 9277
<b>Apparent density unpacked:</b>	0.375 g/cm <sup>3</sup>	ISO 1068
<b>Melting point:</b>	177 °C	ISO 11357-3

### PACKAGING

20 Kg multilayers bags

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