



TECHNICAL DATA SHEET

Orgasol[®] 2002 D NAT 1



MAIN APPLICATIONS

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

ORGASOL[®] 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[®] 2002 D NAT 1 is used as a **multifunctional additive** in coatings. It improves the **scratch and the abrasion resistance** while providing a **satiny 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[®] 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
Appearance:	White spheroidal powder	Visual
Average diameter:	20 microns	ISO 13319
Particle size distribution:		
Fine particles < 10 microns	5 max. %	ISO 13319
Coarse particles > 30 microns	5 max. %	ISO 13319
Average Specific Surface Area:	1 m ² /g	ISO 9277
Apparent density unpacked:	0.375 g/cm ³	ISO 1068
Melting point:	177 °C	ISO 11357-3

PACKAGING

20 Kg multilayers bags

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