ORGASOL® BY ARKEMA

TECHNICAL DATA SHEET

Orgasol® 2001 UD NAT 2

MAIN APPLICATIONS

Over Print Varnish on food packaging, can coating, inks

ORGASOL® 2001 UD NAT 2 is a **spheroïdal powder** of polyamide 12, with **5 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® 2001 UD NAT 2 is a **multifunctional additive** providing **flexibility of the thermoset resins** used in can coatings (external and internal parts), while providing **scratch and abrasion resistance**.
ORGASOL® 2001 UD NAT 2 alone is suitable to achieve **satin finished**. It can be combined with silica to achieve deep matt finishes without sacrificing paint abrasion resistance. It can be combined with waxes to optimise the slipperliness of the coating while keeping a high mechanical resistance.

Chemically inert, ORGASOL® 2001 UD NAT 2 is **compatible with most resins** and common formulating additives used in coating industry.

The compliance with the FDA regulations (FDA 177-1500 and FDA 175-300) and the sharp particle size distribution are among the key parameters that make ORGASOL® 2001 UD NAT 2 suitable for a broad range of **thin coatings applications** requiring **food contact approval**.

CHARACTERISTICS

			METHOD
Appearance:	White spheroïdal powder		Visual
Average diameter:	5	microns	ISO 13319
Particle size distribution:			
Fine particles < 2.5 microns	2 max.	%	ISO 13319
Coarse particles > 10 microns	2 max.	%	ISO 13319
Average Specific Surface Area:	9	m^2/g	ISO 9277
Apparent density unpacked:	0.215	g/cm^3	ISO 1068
Melting point:	177	°C	ISO 11357-3

PACKAGING

10 Kg multilayers bags

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