



## TECHNICAL DATA SHEET

### Orgasol<sup>®</sup> 2002 D NAT COS

<b>Definition:</b>	Polyamide 12
<b>INCI Name:</b>	Nylon-12
<b>Japan Name:</b>	Nylon powder

#### MAIN APPLICATIONS

**liquid and compact foundations, compact powders, W/S skin care, waterproof sun care**

Orgasol<sup>®</sup> 2002 D NAT COS is a micro-porous spheroidal powder characterized by a great affinity for the skin, providing very good remanence, and a velvety feeling.

Orgasol<sup>®</sup> 2002 D NAT COS is recommended to improve spreading, and to provide easy, glide-on application of powders and oil continuous emulsions including foundations. It leaves a natural transparent powder veil on the skin.

For oil continuous sun care products, it improves the dispersion of sun filters at the microscopic level, reducing the whitish residual finish and increasing the effective SPF.

ORGASOL<sup>®</sup> 2002 D NAT COS is also recommended for waterproof mascaras, as volumizing agents for eyelashes.

#### CHARACTERISTICS

#### METHOD

<b>Appearance:</b>	White spheroidal powder	
<b>Average diameter:</b>	20 microns	ISO 13319
<b>Average Specific Surface Area:</b>	1.5 m <sup>2</sup> /g	ISO 9277
<b>Average il absorption</b>	54 g/100g	ISO 787/5
<b>Micro-organisms*:</b>		
<b>Bacteriology:</b>	< 100 cfu/g	ISO 21149
<b>Mycology:</b>	< 100 cfu/g	Arkema**
<b>Gram negative micro-organisms</b>	absence	
<b>Average apparent density unpacked:</b>	0.40 g/cm <sup>3</sup>	ISO 1068
<b>Melting point:</b>	177 °C	ISO 11357-3

\* No guarantee could be given on the level of micro-organisms for samples.

\*\* Arkema analytical methods are available upon request.

#### PACKAGING

20 Kg multilayers bags

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No liability whatsoever can be accepted by Arkema with regard to the handling, processing or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.



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