

TECHNICAL DATA SHEET

Orgasol[®] 4000 EXD NAT COS CARESSE

Definition:	Copolyamide 6/12
INCI Name:	Nylon 6/12
Japan Name:	Nylon powder

MAIN APPLICATIONS

O/W skin care, sun care, O/W mascaras

Orgasol[®] Caresse is a micro-porous spheroidal powder specifically designed to disperse easily in water-continuous formulations while keeping velvety touch and the very good remanence, of Polyamide 12.

In light formulations (**gel creams, serums, balancing treatment for young or oily skin**), it imparts richness, softness and substantive (non aqueous) after-feel without the addition of oily compounds.

In rich formulations (**anti-wrinkle creams, night creams, treatment for mature skin, anti-aging, sun care products**), it increases the absorption sensation, and limits the undesirable stickiness associated with oily ingredients or sun filters. It provides a powdery finish, a very soft after-feel combined with a soft focus effect.

CHARACTERISTICS

		METHOD
Appearance:	White spheroidal powder	visual
Average diameter:	10 microns	ISO 13319
Average Specific Surface Area:	10 m ² /g	ISO 9277
Average oil absorption	100 g/100g	ISO 787/5
Micro-organisms *		
Bacteriology:	< 100 cfu/g	ISO 21149
Mycology:	< 100 cfu/g	Arkema**
Gram negative micro-organisms	absence	
Average apparent density unpacked:	0.30 g/cm ³	ISO 1068
Melting point:	>130 °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

15 Kg multilayers bags

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