

TECHNICAL DATA SHEET

ORGASOL® 4000 EXD NAT COS CARESSE

ULTRAFINE POLYAMIDE POWDER

ORGASOL® 4000 EXD NAT COS 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. It provides a powdery finish, a very soft after-feel combined with a soft focus effect.

DESIGNATION

PA*

INCI

- CHINA INCI name: NYLON-6/12
- EU INCI name: NYLON-6/12
- JAPAN JCIA name: Nylon Powder
- US INCI name: Nylon-6/12

MAIN APPLICATIONS

- Cosmetics And Other Personal Care

DELIVERY FORM

- Powder

TRANSFORMATION PROCESSES

- Formulation ingredients

THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melting temperature, 10°C/min	130 °C	ISO 11357-1/-3

OTHER PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Apparent density, Non compacted	0.30	ISO 1068
Specific surface area (SSA)	10 m ² /g	ISO 9277
Oil absorption	100 g/100g	ISO 787-5
pH	6.7	Internal Arkema

PACKAGING

This grade is delivered dried in sealed packaging ready to be processed. Available packaging:

- 15 kg / 33 lb bags

SHELF LIFE

Three years from the date of manufacture, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

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Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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