ORGASOL®

TECHNICAL DATA SHEET

ORGASOL® 2002 EXD NAT COS

ULTRAFINE POLYAMIDE POWDER

ORGASOL® 2002 EXD NAT COS is a micro-porous spheroidal powder characterized by a great affinity for the skin, providing very good remanence, and a velvety feeling.
It brings to formulations an easy, glide-on application. It preserves a natural and even complexion all day, thanks to a continuous absorption of the sebum at the surface of the skin.
In compact powders, it acts as well as a binding agent, increasing the strength of compact powders and reducing the need for oils and waxes.
In oil continuous skin care and sun care formulations, it speeds the absorption of otherwise greasy formulas, and replaces the typical oily feeling and glossy appearance with a natural powdery finish. It improves the dispersion of sun filters at the microscopic level, reducing the whitish residual finish and increasing the effective SPF.

TYPE

PA12

INCI

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

MAIN APPLICATIONS

- cosmetics and other personal care

DELIVERY FORM

- Powder

TRANSFORMATION PROCESSES

- Formulation ingredients

THERMAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	177	°C	ISO 11357-1/-3

OTHER PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Apparent density	0.4		ISO 1068
Specific surface area (SSA)	4	m^2/g	ISO 9277
Oil absorption	79	g/100g	ISO 787-5
pH	6.7		Internal Arkema

PACKAGING

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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