ORGASOL®

TECHNICAL DATA SHEET

ORGASOL® 2002 D NAT COS

ULTRAFINE POLYAMIDE POWDER

ORGASOL® 2002 D NAT COS is a micro-porous spheroïdal powder characterized by a great affinity for the skin, providing very good remanence, and a velvety feeling. **It is recommended to improve spreading, and to provide easy, glideon 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.It is also recommended for waterproof mascaras, as volumizing agents for eyelashes.

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	g/cm³	ISO 1068
Specific surface area (SSA)	1.5	m²/g	ISO 9277
Oil absorption	54	g/100g	ISO 787-5
pH	6.7		Internal Arkema

PACKAGING

Available packaging:
- 20 kg / 44 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.

REGIONAL AVAILABILITY

World, Africa, Asia Pacific, Europe, Latin America and the Caribbean, Middle East, Northern America, Oceania

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