

## 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.

### DESIGNATION

PA12

### INCI

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

### DELIVERY FORM

- Powder

### TRANSFORMATION PROCESSES

- Formulation ingredients

속성	값	테스트 표준
Melting temperature, 10°C/min	177 °C	ISO 11357-1/-3

### OTHER PROPERTIES

속성	값	테스트 표준
Apparent density, Non compacted	0.40	ISO 1068
Specific surface area (SSA)	4 m <sup>2</sup> /g	ISO 9277
Oil absorption	79 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:

- 16 kg / 33 lb bags

### SHELF LIFE

**Headquarter: Arkema France**  
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