

TECHNICAL DATA SHEET

ORGASOL® 1002 ES 5 NAT 1

ULTRAFINE POLYAMIDE POWDER

ORGASOL® 1002 ES5 NAT 1 is spheroidal polyamide 6 powder with a narrow particle size distribution and an average diameter of 50µm. Orgasol® 1002 ES5 NAT 1 has a high melting temperature, above 210°C: the shape of the particles and the particle size distribution are preserved even when processed at high temperatures. An extremely high level of quality is achieved through rigorous control of the particle size distribution & porosity, ensuring excellent consistency of performance.

ORGASOL® is a range of high performance ultra-fine polyamide powders used as multifunctional additives in coatings, inks, varnishes and technical compounds.

The introduction of ORGASOL® polyamide powders in formulations is easy thanks to their good dispersion capacity, their reduced impact on rheology and their low density.

ORGASOL® polyamide powders are surface modifiers, specifically designed for gloss control, texture creation and haptic properties adjustment. They also improve blocking resistance and reduce coefficient of friction.

Abrasion, scratch, impact resistances and flexibility of coatings, inks and varnishes and technical compounds can be significantly improved using ORGASOL® polyamide powders.

TYPE

PA6

MAIN APPLICATIONS

- 산업용 도장

배송 방식

- 분말

가공 공정

- 조성 성분

속성	값	UNIT	테스트 표준
Melting temperature, 10°C/min	217	°C	ISO 11357-1/-3

OTHER PROPERTIES

속성	값	UNIT	테스트 표준
Apparent density, Non compacted	0.43		ISO 1068
Specific surface area (SSA)	1	m²/g	ISO 9277
Fine particles (D10)	43	µm	ISO 13319
Median particles (D50)	50	µm	ISO 13319
Coarse particles (D90)	61	µm	ISO 13319

포장

Available packaging:

- 20 kg / 44 lb 가봉

보관수명

배송일로부터 3년이 지난 후에는 적절히 보관(밀봉 봉지, 적절한 습도, 자외선 차단 및 온도)하십시오. 이 한도를 초과하는 모든 사용에 대해서는 저희 기술 서비스를 참조해 주세요.

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