

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

- 工業用塗料

配送形態

- パウダー

変換プロセス

- 配合成分

THERMAL PROPERTIES

プロパティ	価値	UNIT	テスト基準
Melting temperature, 10°C/min	217	°C	ISO 11357-1/-3

OTHER PROPERTIES

プロパティ	価値	UNIT	テスト基準
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

包装

Available packaging:

- 20 kg / 44 lb 袋

保存期間

納品日から3年間。適切な条件 (容器の密閉、適切な温度・湿度、UVカット) で保管された場合有効です。この期限を超えて使用する場合は、弊社の技術サービスにご相談ください。

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