



## TECHNICAL DATA SHEET

# Orgasol<sup>®</sup> 1002 ES5 NAT 1



### MAIN APPLICATIONS

#### Rubber coatings; coil coating

ORGASOL<sup>®</sup> 1002 ES5 NAT 1 is a **spheroidal powder** of polyamide 6, with **50 µm** as average diameter and a **narrow particle size distribution**. An extremely high level of quality is achieved thanks to our rigorous control of particle size distribution, providing **excellent consistency in performance**.

ORGASOL<sup>®</sup> 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. That is the reason why it can be used as **slipping agent in rubber coating**.

ORGASOL<sup>®</sup> 1002 ES5 NAT 1 is also used as a **texturing agent** in polyester or polyurethane based coil coating to provide a combination of regular textured finish with **high abrasion and scratch resistance**.

### CHARACTERISTICS

**Appearance:**

**Average diameter:**

**Particle size distribution:**

**Fine particles < 30 microns**

**Coarse particles > 70 microns**

**Average Specific Surface Area:**

**Apparent density unpacked:**

**Melting point:**

White spheroidal powder  
50 microns

5 max. %

5 max. %

1 m<sup>2</sup>/g

0.425 g/cm<sup>3</sup>

213 °C

### METHOD

Visual  
ISO 13319

ISO 13319

ISO 13319

ISO 9277

ISO 1068

ISO 11357-3

### PACKAGING

20 Kg multilayers bags

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