

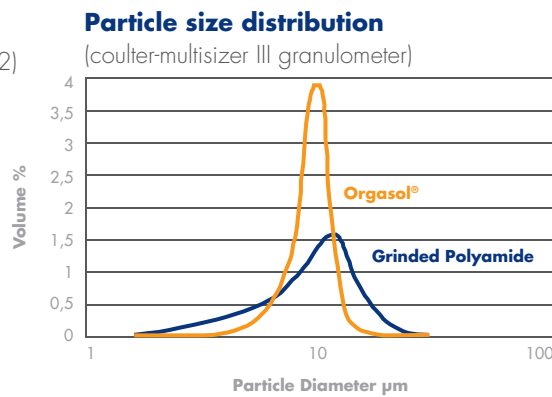
Ultra-fine powders

The Orgasol® brand is a range of high performance ultra-fine polyamide powders used as additives in highly demanding coatings, inkjet transfer paper, composites and cosmetics applications.



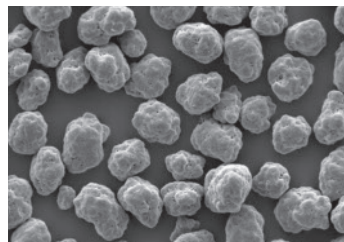
TECHNICAL CHARACTERISTICS

- Based on lauryllactame and/or caprolactame (PA12, PA6 and PA6.12)
- Direct polymerization process (no grinding)
- Micro-porous spherical beads with unique morphology
- Very narrow particle size distribution
- Range of particle sizes from 5 to 60 microns



BENEFICIAL PROPERTIES

- High abrasion / mar resistance
- High scratch resistance
- Matting and gloss control
- Non thixotropic agent / viscosity control
- Unique surface texturing effect
- Soft touch
- Anti-blocking (reduces coefficient of friction)
- Easy dispersion



ORGASOL® 2001 EXD NAT1



Multiple Surface Finishes



Scratch & Abrasion Resistance

COATINGS APPLICATIONS

- Coil coatings
- Can coatings
- Flooring
- Furniture and appliances
- Rubbers
- Inks and Over Print Varnish

OTHER APPLICATIONS

- Inkjet transfer paper
- Composites
- Plastic magnets
- Additive manufacturing
- Cosmetics

Orgasol®	Polyamide	Average particle size (µm)	Specific surface area (m ² /g)	Melting point (°C)	Comments
2001 UD NAT1	12	5	9	177	
2001 UD NAT2	12	5	9	177	Food Contact Approved
2001 EXD NAT1	12	10	4	177	
2002 EXD NAT1	12	10	1.5	177	Food Contact Approved
2002 D NAT1	12	20	1	177	
2002 ES3 NAT3	12	30	1	177	
2002 ES4 NAT3	12	40	1	177	
2002 ES5 NAT3	12	50	1	177	
2002 ES6 NAT3	12	60	1	177	
1002 D NAT1	6	20	2	217	
1002 ES5 NAT1	6	50	< 1	217	
3501 EXD NAT1	6/12	10	20	143	
3502 D NAT1	6/12	20	6	143	

Particle size is measured using a Coulter-Multisizer III granulometer.

The Rilsan® Fine Powders D range is a biobased polyamide 11 powder developed for coatings additives as well. For more information on the D range visit www.rilsanfinepowders.com.

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