



ORGACon™ DRY Re-dispersible PEDOT/PSS pellets

Orgacon DRY is a unique product developed and produced by Agfa Materials proprietary technology, pushing the limits of PEDOT/PSS formulation with organic solvents. The technology is optimized to allow retention of PEDOT/PSS key properties in polar organic solvents. Recommendations for re-dispersing DRY pellets in ethanol with minimal water content can be provided. Other organic solvents and higher conductive grades are in progress.

Performance

Comparison between a S300 coating made with DRY in water and ethanol:

DRY	SER (Ohm/square)	VLT, % *
S300, H2O	216	83.2
S300, EtOH (<3.5% wt. H2O)	450	85.8

* Typical properties on PET with bar coater. 40 µm wet. S300 EtOH coating contains less than 3.5% wt. H2O. Thermal cured at 130°C/3 min. VLT = Visual Light Transmission according to ASTM D 1003, excludes substrate.

Properties

- Active chemical PEDOT/PSS
- Visual appearance blue-grey pellets
- Water content max. 15 % under 50% RH, 22°C
- Shelf life 24 month in storage conditions

Storage

- Highly hygroscopic. Store the product between -10 °C and 25°C in sealed recipient

Health and Safety

- See Material Safety Data Sheet

Processing recommendations

- Dispersion procedure available – Contact us

EUROPE + USA

Agfa-Gevaert NV
FRANK LOUWET
Orgacon Business Manager

Septestraat 27, B-2640 Mortsel
Belgium
T +32 (0)3 444 3250
F +32 (0)3 444 7662
frank.louwet@agfa.com

DKSH Switzerland Ltd
OMAR SABINOT

Wiesenstrass 8, P.O. Box 888
CH-8034 Zurich
Switzerland
T +41 44 3867312
F +41 44 3867712
omar.sabinot@dksh.com

ITO America Corporation
ERIC THRAN

7700 South River Parkway
Tempe, AZ 85284
USA
T +1 480 998 2250
F +1 602 296 0483
eric@ito-group.com

ASIA

AGFA Materials Japan, Ltd
KAZUNOBU NAGASE

Osaki New City Bldg., No. 1,
5F,
1-6-1 Osaki, Shinagawa,
Tokyo, 141-0032
Japan
T +81(0)3 5487-8260
F +81(0)3 5487-8261
kazunobu.nagase@agfa.com

**AGFA Materials Taiwan Co,
Ltd**
ABRAHAM CHANG

3/F, 237 Sung Chiang Road
10483 Taipei,
Taiwan, R.O.C.
T+886 (0)2 6618 0269
F +886 (0)2 2505 5018
abraham.chang@agfa.com

i-Components Co., Ltd
INSUN KIM

903 KINS Tower,
25-1 Jeongja-dong,
Bundang-gu, Seongnam-di
Gyeonggi-do, 463-847
South Korea
T +82 (0)104 120 4383
F +82 (0)31 719 4318
ikim@i-components.co.kr

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More information via: info.orgacon@agfa.com

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