



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/6 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 months after fabrication date

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

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Also available at  **ALDRICH**
Materials Science

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