

# NDSilver Pre-Dispersion: S3-500W

## Technical Data Sheet

  
NanoDynamics™  
DATA/INFO

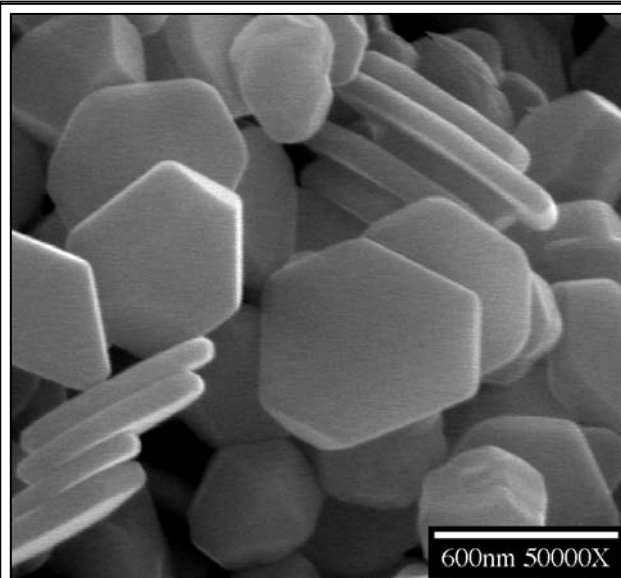
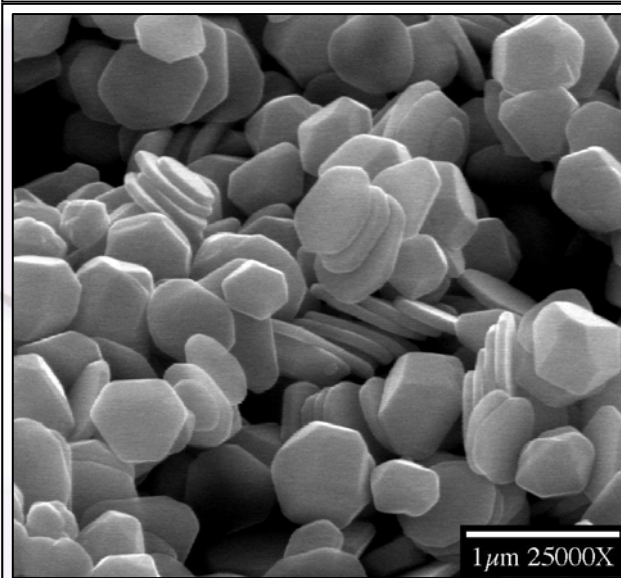
### Product Description:

Submicron silver platelets  
Pre-dispersed in water

### Typical Properties:

Average Platelet Face Diameter (SEM)	600 nm
Average Platelet Thickness (SEM)	60 nm
Solids Content (LOD @ 110°C)	60-70 wt%
Surface Area	1.0-2.5 m <sup>2</sup> /g
Total Oxygen	< 0.3 wt%
Total Carbon	< 0.3 wt%

### SEM Image (Typical)



## Application Information for NDSilver Pre-Dispersions:

- NDSilver Pre-Dispersions can be best described as silver particles, provided as a wet raw material. They are provided wet in order to facilitate handling, as well as the dispersion of the materials into your final systems.
- NDSilver Pre-Dispersions consist of high-purity, mono-sized, nanosilver particles in raw material form. In order to minimize organic content, no dispersants or surfactants have been added. NDSilver Pre-Dispersions are not engineered to be stable dispersions or printable paste systems.
- In order to ensure a homogenous mixture, these systems require mechanical mixing. Agitate/mix material prior to use.

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