

Nano Gold Suspension

Au 200 – 30

Precious Metal Nano Suspension

Description

Au 200-30 is a stable aqueous suspension of high purity Au particles; metal contents up to 25 wt% are possible. Au 200-30 is dilutable with de-ionised water.

Depending on the kind of surface, which is to be coated, a highly reflective bright golden or red color can be achieved.

The material can be applied by brushing, spraying, dipping, coating or with inkjet on various materials.

Thermal treatment is recommended for increasing the mechanical stability such as the adhesion of applied layers.

Typical processing steps:

- applying on a surface (e.g. glass and ceramic substrates or glass and ceramic powders) by dipping, spaying or brushing.
- drying up to 150° C.
- thermal treatment >450° C. Temperature is depending on the kind of application.

Typical Properties

Particle Size ¹ :	1-6 nm
Suspension Color:	Dark Red
Consistence:	Aqueous
Precious Metal Content:	Up to 25 wt%
Metal Purity:	> 99,9 wt%



Au 200-30
0,1 wt%
Suspension



Au 200-30
8,0 wt%
Suspension

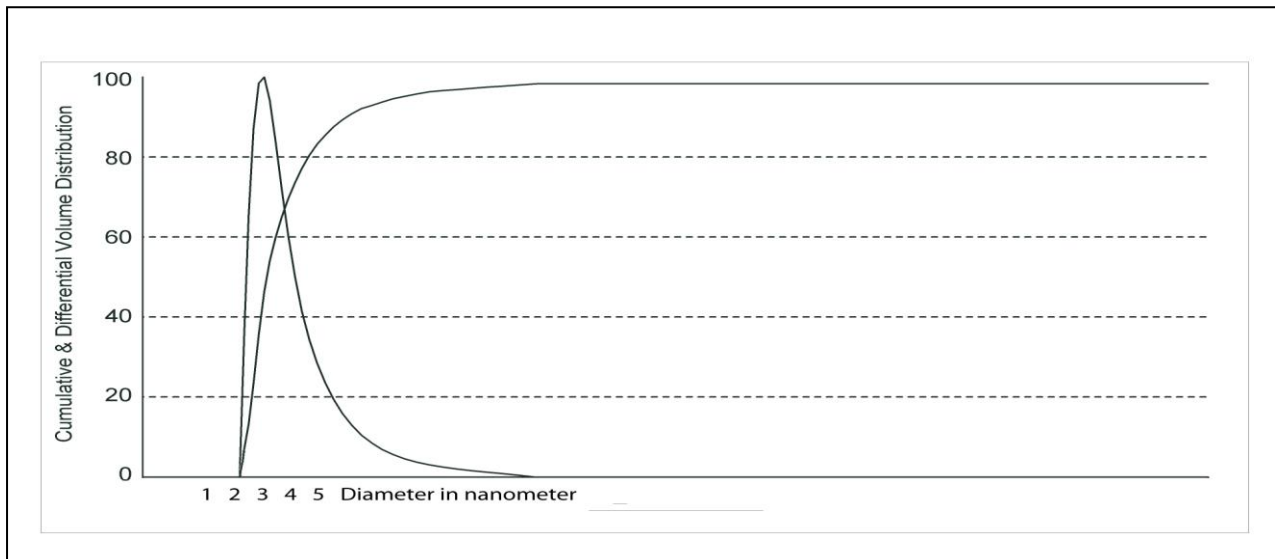
1 Measured with XDC (X-Ray centrifuge)

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Typical Particle Size Distribution



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