

Pure Nano Metal Powders

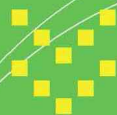
NTbase

as a leading manufacturer of nano metal powders has the ability to make high quality products in large quantities.

Now NTbase is making an effort to meet customer's needs for high productivity, high quality and reasonable price.

Our nano metal powder is made by way of using plasma. There are no any other materials and impurities, only pure metal. NTbase's nano metal powder is the best degree of purity and quality.

- The powder is the best purity.
- The powder is free of any additional coatings.
- Easy application due to its dispersible property for any use.
- Environment friendly product.



Main products

Nano metal powders

Nano silver powder (Ag)
Nano aluminum powder (Al)
Nano copper powder (Cu)
Nano iron powder (Fe)
Nano molybdenum powder (Mo)
Nano nickel powder (Ni)
Nano tin powder (Sn)
Nano zinc powder (Zn)
Nano titanium nitride powder (TiN)

Nano silver powder(Ag)

NTbase's nano silver powder is the pure powder having the fewest impurity. And the powder has been published in CTFA's ICID.



NT SILVER

NTbase' nano silver powder is the pure powder having the fewest impurity.

Nano Silver Powder

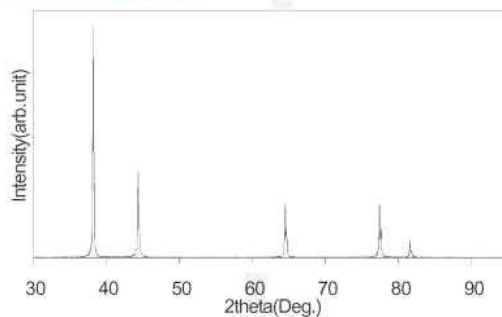
Ag

High purity(more the 99.99%)

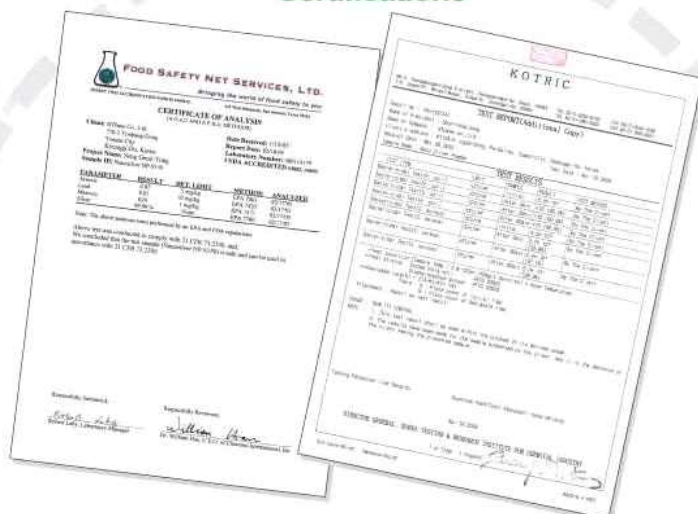
Controllable concentration level to appropriate uses.

Prevention of discoloration of the product.

XRD Pattern



Certifications



Pure Nano Silver powder

NT Silver has an antibacterial effect in low concentration.
NT Silver is widely used in electronics, antibacterial products.

Nano

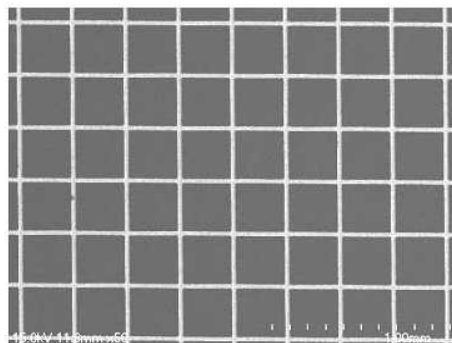
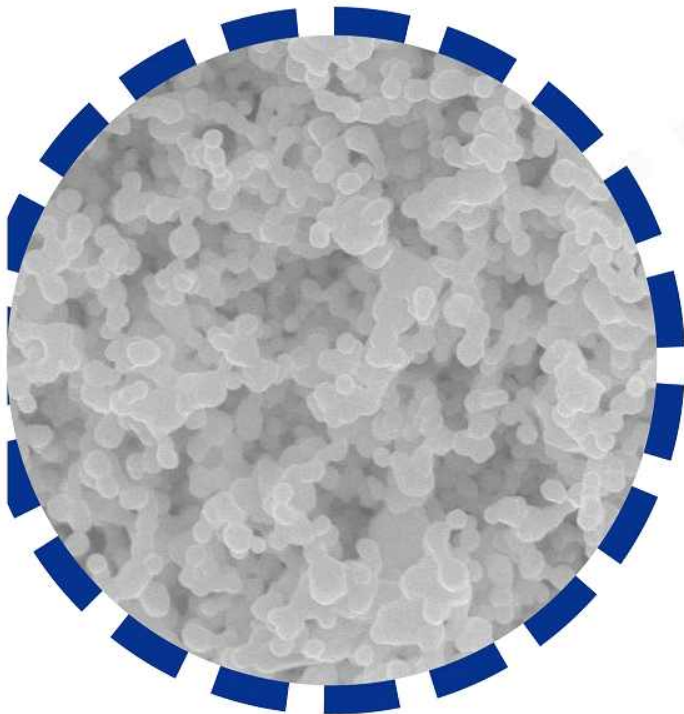
Pure Nano silver powder for metal mesh TSP

NTbase's nano powder is the best degree of purity and quality.
NTbase is the very one that can provide you with best nano powder.

- High purity (최고의 순도)
- Excellent electrical conductivity (우수한 전기전도성)
- Fine electrode patterning (미세선폭 구현)

Specifications

Model		NP-SMM
Purity		≥99.99%
Particle Size	D90	350nm
	D50	200nm
	D10	100nm
Density	Apparent density	0.78g/cm ³
	Tap density	1.09g/cm ³
Specific Surface Area		0.8 ~ 1.6m ² /g
Color		Gray



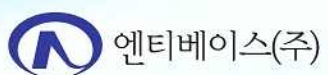


- **High purity** (최고의 순도)
- **Excellent electrical conductivity** (우수한 전기전도성)
- **Low sintering temperature** (낮은 소성 온도)

Sample: 1000.H0021002, Name: other powder1, 1.4020 mg
Injection: 20.00, 2000.0 (NAN)
Flow: 0.1212, 1000.00 %, 10.00 (NAN), 92.16.0 (NAN)
Densification method: none
Equipment: 1000.H0021002, Name: other powder1, 01.05.2010 17:09:24
Parameters: 01.05.2010 14:09:18

	Integral	Differential
Temperature	-0.80 (0.2)	0.14 (0.1)
Flow	0.02 (0.1)	0.00 (0.1)
Flow	0.04 (0.1)	0.00 (0.1)
Flow	0.05 (0.1)	0.00 (0.1)

NTbase Co., Ltd.



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경기도 용인시 처인구 유림로 225

225 Yurim-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea Tel+82 31 322 3950 Fax+82 31 322 3951 ntbase@ntbase.net