



NANOZINO

Product Information

Silica Nanoparticles Colloidal Solution

Cat. No.: NZ-SiO₂NP-10-CS

Technical Data Sheet

Properties	Chemicals/Test Methods	Value	Unit
Formula	Silica	SiO ₂	-
Formula weight	-	60	g/mol
Appearance	-	Solution	-
Color	-	-	-
Particle size	SEM	10	nm
Size distribution	DLS	4-25	nm
λ _{max}	Spectrophotometer	-	nm
Optical density	Spectrophotometer	-	-
pH	pH meter	8	-
Purity	Infra Red	99.9	%
Morphology	SEM	Spherical	-
Dispersant	Water	-	-
Stabilizer	Ammonium Ions	1500	ppm
Prod. Cap./month	-	≥100	Liter

Package:

- 100 mL
- 250 mL
- 500 mL

Applications:

- Electronics
- Sensors
- Solar cells
- Biology & Medicine

Chemical / Physical Properties:

- -

Safety:

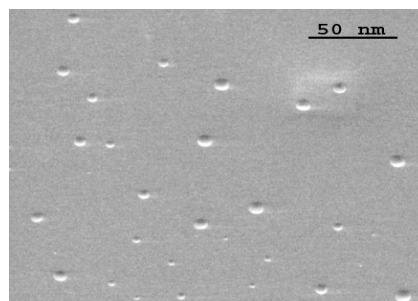
- Keep away from the reach of the children.
- For research & development applications only.
- Wear latex gloves & safety goggles before use.

Storage Conditions:

- Keep the bottle in a refrigerator.
- Keep away from direct sunlight.
- Keep away from freezing.

Corresponding Material Safety Data Sheet is available from Zist Shimi Azma Roshd; NANOZINO R&D Co., Product Safety Department, or can be downloaded from our homepage nanozino.com. We strongly recommend reading carefully the material safety data sheet prior to the use of the product. Contact us for further consultant.

TEM image of SiO₂NP colloidal solution



Size distribution of SiO₂NP colloidal solution

