



Maximize your productivity through
Skyspring nanomaterials

Silicon Oxide Nanoparticles (SiO_2 , 99.8%, 10-20 nm, surface modified with epoxy group, dispersible)

Product #: 6852HN

Form: White Powder

Empirical Formula: SiO_2

Specifications

Purity: 99.8% (before surface treatment)

APS: 10-20 nm

SSA: 90-130 m^2/g

Characteristics:

- Surface modified with epoxy group;
- dispersible in toluene, epoxy resin, polyvinyl chloride, unsaturated Polyester resin, phenolic resin, nylon, and coatings;
- reactive with epoxy group, amino group, carboxyl group, and hydroxyl group in resin and produce polymer/inorganic nano-composites

Typical Impurities

C	<0.5wt%
Ca:	<1000 ppm
Fe:	<500 ppm
Ti:	<500 ppm
Na	<500 ppm