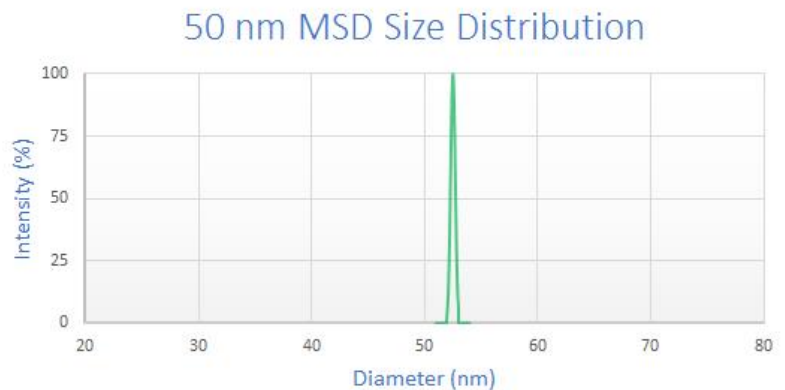
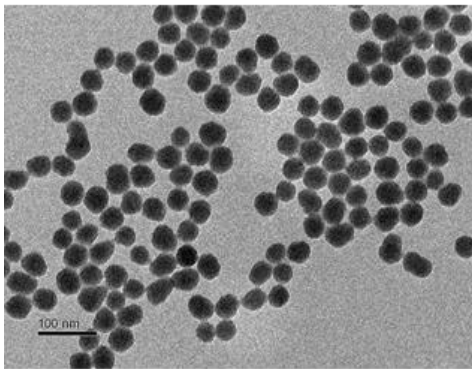


50nm SUPSIL™ PREMIUM

PARTICLE CHARACTERISTICS	
Purity	99.99%
Effective Diameter (nm)	52.6 ± 4 nm
Polydispersity Index	0.050
Coefficient of Variation (%)	6 %
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0
BET Surface Area (m ² /g)	200 – 250



Solutions available in water, ethanol and industrial organic solvents.

Dry quantities available over 1000kg in powder form.

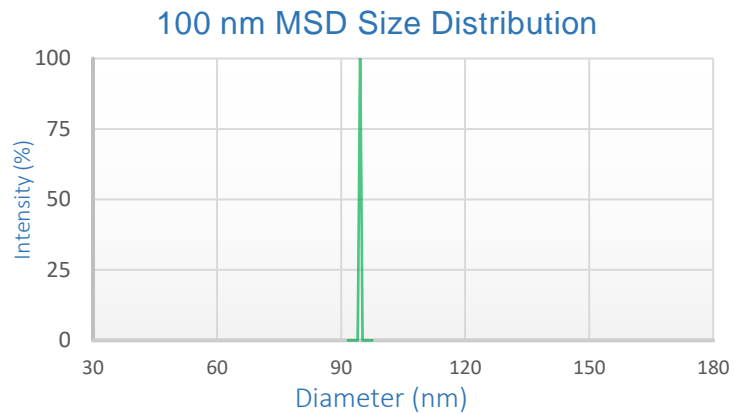
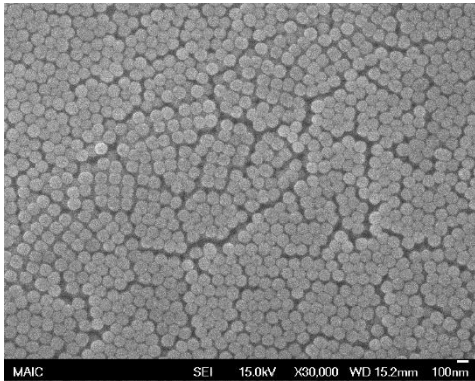
All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a polydispersity below 0.05.



SUPERIOR SILICA

100nm SUPSIL™ PREMIUM

PARTICLE CHARACTERISTICS	
Purity	99.99%
Effective Diameter (nm)	99.0 ± 6 nm
Polydispersity Index	0.010
Coefficient of Variation (%)	6 %
Surface functionalization	Silanol (Si-OH)
pH in solution	8.4
BET Surface Area (m ² /g)	40 – 50



Solutions available in water, ethanol and industrial organic solvents.

Dry quantities available over 1000kg in powder form.

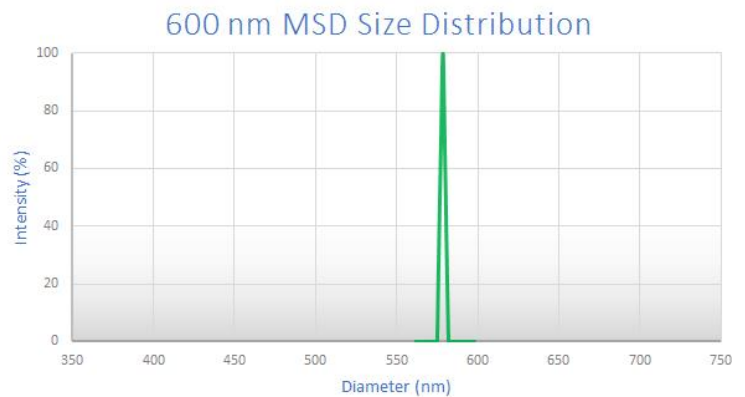
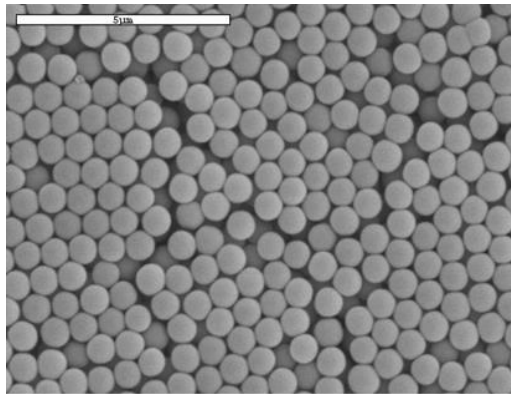
All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.



SUPERIOR SILICA

600nm SUPSIL™ PREMIUM

PARTICLE CHARACTERISTICS	
Purity	99.99%
Effective Diameter (nm)	597.1 ± 19 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	7 %
Surface functionalization	Silanol (Si-OH)
pH in solution	8.1
BET Surface Area (m ² /g)	4.5 – 5.5



Solutions available in water, ethanol and industrial organic solvents.

Dry quantities available over 1000kg in powder form.

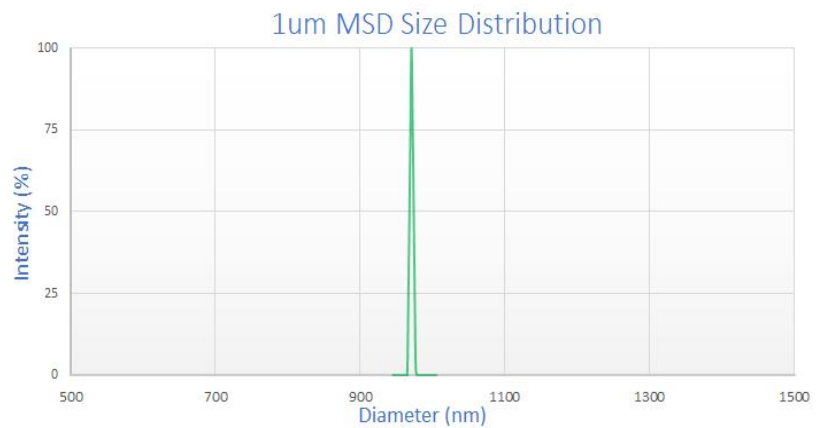
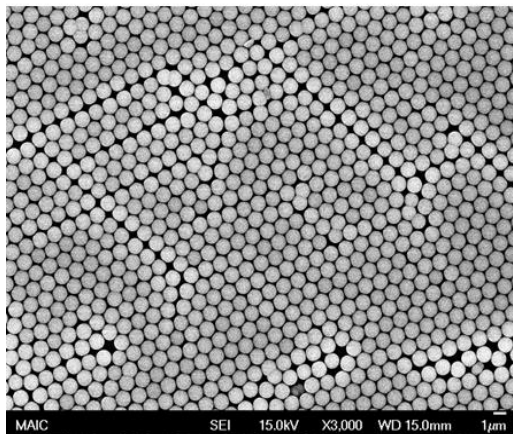
All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.



SUPERIOR SILICA

1 μ m SUPSIL™ PREMIUM

PARTICLE CHARACTERISTICS	
Purity	99.99%
Effective Diameter (nm)	1015 \pm 38 nm
Polydispersity Index	0.010
Coefficient of Variation (%)	8 %
Surface functionalization	Silanol (Si-OH)
pH in solution	8.4
BET Surface Area (m ² /g)	2.0 – 3.0



Solutions available in water, ethanol and industrial organic solvents.

Dry quantities available over 1000kg in powder form.

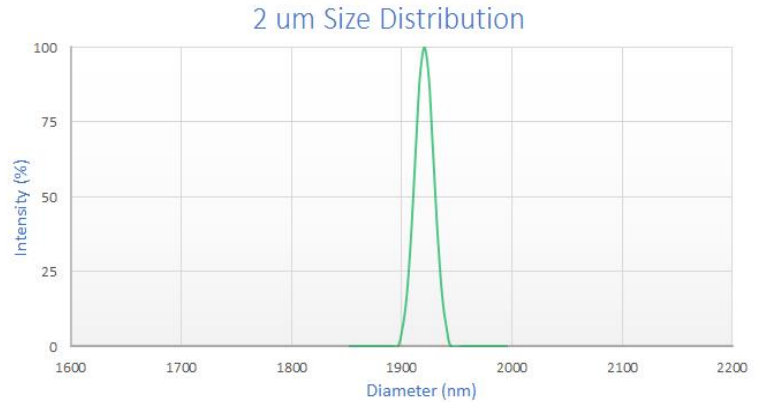
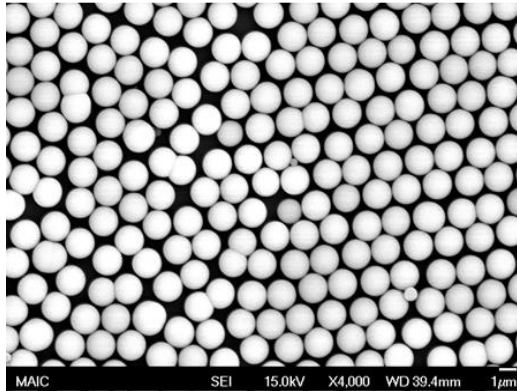
All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.



SUPERIOR SILICA

2um SUPSIL™ PREMIUM

PARTICLE CHARACTERISTICS	
Purity	99.99%
Effective Diameter (nm)	1990 ± 80 nm
Polydispersity Index	0.050
Coefficient of Variation (%)	11 %
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0
BET Surface Area (m ² /g)	1 – 1.5



Solutions available in water, ethanol and industrial organic solvents.

Dry quantities available over 1000kg in powder form.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.