

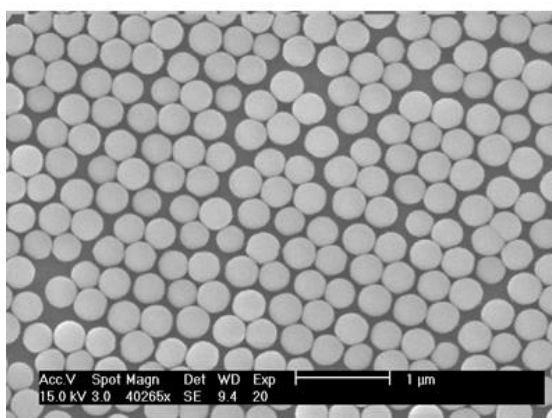


SUPERIOR SILICA

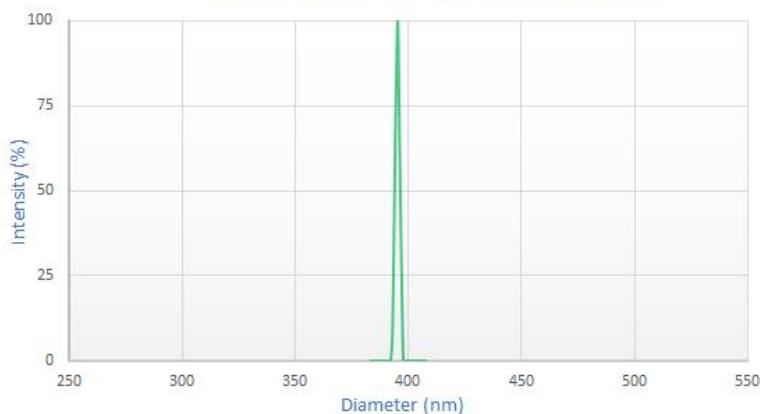
# 400nm Silica (SiO<sub>2</sub>) Nanoparticles

## Particle Characteristics

Effective Diameter (nm)	397.4 ± 12 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	6 %
Concentration (counts per second)	90 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.1



### 400 nm MSD Size Distribution



Solutions available in water or ethanol at a custom wt%.

Dry quantities available up to 1000 kg.

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