



DATA SHEET

NexSil™ 6

NexSil™ 6 Colloidal Silica

NexSil 6 is an alkaline dispersion of 6 nm colloidal silica at a 16–18% SiO₂ concentration in water. The particles are negatively charged and have a high surface area.

NexSil 6 can be used in paper, steel, and precision polishing applications where a very small particle size colloidal silica is required.

TYPICAL PROPERTIES

Appearance:	Clear Sol
SiO ₂ , %:	16 – 18
Na ₂ O, %:	0.25 – 0.55
Particle Size, nm:	5 – 7.5
Specific Surface Area, m ² /g:	340 – 545
Viscosity, cP:	<10
pH:	9.5 – 10.5
Surface Charge:	Negative

FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

Nyacol Nano Technologies, Inc.	Telephone:	800-438-7657 U.S. Toll-Free
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