



DATA SHEET

NexSil™ 5

NexSil™ 5 Colloidal Silica

NexSil 5 is an alkaline dispersion of 5 nm colloidal silica at a 15% SiO₂ concentration in water. The particles are negatively charged and have a high specific surface area. The product 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 , %:	14.5 – 15.5
Na ₂ O, %:	0.5 – 0.9
Particle Size, nm:	4 – 6
Specific Surface Area, m ² /g:	425 – 680
Viscosity, cP:	3 – 7
pH:	10.5 – 11.0
Surface Charge:	Negative

FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

Nyacol Nano Technologies, Inc.

Megunko Road

P.O. Box 349

Ashland, MA 01721

Tel No. 800-438-7657 Toll-Free

508-881-2220 Local Area

Fax No. 508-881-1855

Internet www.nyacol.com

Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, user should determine the suitability of the product for the intended use and user assumes the risk and liability in connection therewith. We do not suggest violation of any existing patents or give permission to practice any patented invention without a license. 20130401