



DATA SHEET
NexSil 20K-30

NexSil 20K-30 Colloidal Silica

PRODUCT DESCRIPTION

NexSil 20K-30 is a potassium-stabilized alkaline dispersion of 20nm colloidal silica at 30% SiO₂ concentration in water. The particles are negatively charged and have a high specific surface area.

NexSil 20K-30 can be used in a wide variety of applications such as precision investment casting, precision polishing, metal surface treatment, textile treatment, catalyst binder, or other applications where a small particle-size colloidal silica is required.

TYPICAL PROPERTIES

Appearance:	Clear to Translucent Sol
SiO ₂ Content, %:	29 - 31
K ₂ O Content, %:	0.05 - 0.30
Particle Size, nm:	16 - 24
Specific Surface Area, m ² /g:	114 - 170
Viscosity, cP:	3 - 20
pH:	8.4 - 9.6
Surface Charge:	Negative

CONTACT FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

Nyacol Nano Technologies, Inc.	Telephone:	800-438-7657 Toll-Free
P.O. Box 349		508-881-2220 Local Area
Megunko Road	Fax:	508-881-1855
Ashland, MA 01721	Internet:	www.nyacol.com

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