



DATA SHEET  
NexSil 8

## NexSil 8 Colloidal Silica

NexSil 8 is an alkaline dispersion of 8 nm colloidal silica at 30% SiO<sub>2</sub> concentration in water. The particles are negatively charged and have a high specific surface area. The product can be used in a wide variety of applications such as precision investment casting, metal surface treatment, textile treatment, catalyst binder or other applications where a very small particle size colloidal silica is required.

### TYPICAL PROPERTIES

Appearance:	Clear to Translucent Sol
SiO <sub>2</sub> , %:	29 – 30
Na <sub>2</sub> O, %:	0.3 – 0.6
Particle Size, nm:	7–10
Specific Surface Area, m <sup>2</sup> /g:	272 – 390
Viscosity, cP:	3 – 15
pH:	9.5 – 10.5
Surface Charge	Negative

### TO ORDER MATERIAL AND FOR ADDITIONAL INFORMATION

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