



DATA SHEET  
NexSil 12

## NexSil 12 Colloidal Silica

NexSil 12 is an alkaline dispersion of 12 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, precision polishing, 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 – 31
Na <sub>2</sub> O, %:	0.05 – 0.35
Particle Size, nm:	10 – 14
Specific Surface Area, m <sup>2</sup> /g:	195 – 273
Viscosity, cP:	3 – 15
pH:	8.8 – 9.5
Surface Charge:	Negative

### FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER

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