



## DATA SHEET NexSil™ 8EG

### NexSil™ 8EG Colloidal Silica

NexSil 8EG is an alkaline dispersion of 8 – 12 nm colloidal silica at 28% 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.

NexSil 8EG has a small amount of ethylene glycol added to it. The ethylene glycol enables NexSil 8EG to be recovered as a stable colloid in the event the product is frozen.

#### TYPICAL PROPERTIES

Appearance:	Clear to Translucent Sol
SiO <sub>2</sub> , %:	27.3 – 29.3
Na <sub>2</sub> O, %:	0.3 – 0.6
Particle Size, nm:	8 – 12
Specific Surface Area, m <sup>2</sup> /g:	228 – 340
Viscosity, cP:	3 – 20
pH:	9.5 – 10.5
Surface Charge	Negative

#### FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

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