

TECHNICAL DATA SHEET

GEO40™ SOL-0830Na (COMMERCIAL SAMPLES ONLY)

Geo40™ SOL-0830Na is a sustainable geothermal water derived colloidal silica stabilized with sodium. An alkaline dispersion of 8 nm colloidal silica at 30 % SiO₂ 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 metals and refractories, paper and textiles treatment, coatings and inks, or other applications where a small particle size colloidal silica is required.

TYPICAL PROPERTIES

Tests	Target Value	Units
Particle Size	8.0	nm
Silica (as SiO ₂)	30.0	w / w %
pH	9.7	pH
Density	1.201	kg / L
Conductivity	4.5	mS / cm
Surface Area	346	m ² / g
Free Alkalinity (as Na ₂ O)	0.5	w / w %
Viscosity	Less than 15.0	cP
Accelerated Life Test	Pass	80 °C / 7 days
Visual Appearance	Clear to Opaque	

TO ORDER MATERIAL, OR FIND OUT MORE

Please contact: SALES@GEO40.COM

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