

TECHNICAL DATA SHEET

GEO40™ SOL-0615Na (COMMERCIAL SAMPLES ONLY)

Geo40™ SOL-0615Na is a sustainable geothermal water derived colloidal silica stabilized with sodium. An alkaline dispersion of 6 nm colloidal silica at 15 % 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	6.0	nm
Silica (as SiO ₂)	15.0	w / w %
pH	10.3	pH
Density	1.092	kg / L
Conductivity	3.5	mS / cm
Surface area	468	m ² / g
Free Alkalinity (as Na ₂ O)	0.6	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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