

Product Data Sheet

Levasil CC301

Levasil CC301 is a neutral, aqueous dispersion of colloidal silica that is approximately 28% solids by weight. The silica dispersion is sterically stabilized and the amorphous silica particles carry a negative surface charge. The SiO₂ particles are discrete, have a smooth, spherical shape, and are present in a narrow particle size distribution. The particles have also been surface modified with a reactive epoxy silane. The physical appearance of the dispersion is a clear liquid, slightly more viscous than water. Levasil CC301 is produced for world-wide distribution.

Typical Properties

Silica, wt%:	28
Average Particle Size, nm:	7
pH:	8
Viscosity, cP:	5
Density, g/cm ³ :	1.2

Range of Applications

Levasil CC301 is a versatile product that has many different applications and functions.

Storage, Handling, & Transport

Levasil CC301 should be transported and stored at a temperature of 5-35°C (40-95°F). If the silica dispersion is allowed to freeze, the silica will irreversibly precipitate. For packaged goods, any translucent packages should be stored out of direct sunlight or bright light. Under recommended conditions, Levasil CC301 has a shelf life of at least eighteen months after production.

Levasil CC301 is available only in packaged quantities.

Before handling this material, review the corresponding Material Safety Data Sheet.

Contact Information

For more product information or enquiries, please visit our website:

www.akzonobel.com/colloidalsilica

Or write an email to:

colloidal.silica@akzonobel.com

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