

Product Data Sheet

Levasil CC401

Levasil CC401 is a neutral, aqueous dispersion of colloidal silica that is approximately 37% 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 translucent liquid, slightly more viscous than water. Levasil CC401 is produced for world-wide distribution.

Typical Properties

Silica, wt%:	37
Average Particle Size, nm:	12
pH:	8
Viscosity, cP:	8
Density, g/cm ³ :	1.3

Range of Applications

Levasil CC401 is a versatile product that has many different applications and functions.

Storage, Handling, & Transport

Levasil CC401 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 CC401 has a shelf life of at least eighteen months after production.

Levasil CC401 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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