

Levasil® 300/30 ADH 16

Short description **Levasil® 300/30 ADH 16** is an alkaline, aqueous formulation of colloidal silica and an organic additive that is approximately 31% solids by weight.

Product properties **Levasil® 300/30 ADH 16** is an ultra-stable colloidal silica product. The silica dispersion is sodium 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 wide particle size distribution. The physical appearance of the dispersion is a translucent liquid, slightly more viscous than water.

Application **Levasil® 300/30 ADH 16** is a specialty product formulated for use in waterborne adhesive formulations to increase the heat strength of bonded joints. Please refer to our web site or contact your sales representative for application assistance.

Technical data*	Silica in wt%	: 30
	Specific surface area in m ² /g	: 250
	Surface area (BET) in m ² /g	: 300
	pH	: 10.0
	Viscosity in cP	: 7
	Density in g/mL	: 1.3
	Na ₂ O in wt%	: 0.35

Storage **Levasil® 300/30 ADH 16** should be transported and stored at a temperature of +5 °C to +50 °C (40 °F to 120 °F). If the silica dispersion is allowed to freeze, the silica will irreversibly precipitate. For bulk storage, the tank should be sealed and constructed of plastic, fiberglass reinforced plastic, or stainless steel. For packaged goods, any translucent packages should be stored out of direct sunlight or bright light. Under recommended conditions, **Levasil® 300/30 ADH 16** has a shelf life of at least 12 after production.

If the product is stored for longer than the date or period specified on the label, it does not necessarily mean that the product is unfit for use. In this case a review of the property values required for the intended use is essential for reasons of quality assurance.

For more information on product safety and handling, please refer to the safety data sheet.

Our technical advice whether spoken, written or through test trials is given to the best of our knowledge, is to be understood as non-binding in character and in relation to any possible industrial property rights of third parties; it is not a substitute for your, the buyer's, own tests and trials on the products supplied by us to determine whether they are suitable for the intended processes and purposes. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. In the event that a liability is nevertheless considered, any compensation will be limited to the value of the goods supplied by us and used by you. Of course, we guarantee the perfect quality of our products according to our general terms and conditions.

*This information is intended as a guide and should not be used in preparing specifications

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