

# SEMICOSIL<sup>®</sup> TEOS 999-LB



## Silanes

SEMICOSIL<sup>®</sup> TEOS 999 LB is Tetraethoxysilane of ultra high purity.

CAS No. 78-10-4 | Empirical formula  $C_8H_{20}O_4Si$  | Molecular weight 208,3

## Properties

- Ultra high chemical purity
- Excellent trace metal purity
- Very good Boron purity
- Very good chloride purity

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	colorless, clear liquid	-
Assay by Gas Chromatography	-	> 99.9 %	-
Density	25 °C	approx. 0.93 g/cm <sup>3</sup>	DIN 51757
Refractive index	-	1.382	-
Soluble in most common organic solvents; reacts with water	-	-	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Silanes for chemical vapor deposition (CVD) and spin-on dielectrics (SOD)

## Application details

SEMICOSIL® TEOS 999 LB was developed for the Semiconductor Industry. A typical application is the use as precursor for low dielectric constant interlayer dielectrics.

## Packaging and storage

### Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code SEMICOSIL® TEOS 999-LB



**For technical, quality or product safety questions, please contact:**

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