

Dynasytan® SILBOND® EG

Tetraethyl orthosilicate 99.80%

Technical Data

Properties and test methods	Unit	Value
Physical Form	-	Clear Liquid
Density (20 °C)	g/cm ³	0.932-0.936
Viscosity (20 °C)	mPa·s / cSt	0.75
Boiling Point	°C / °F	167 / 333
Flash Point	°C / °F	41 / 105
Silica Content (as SiO ₂)	% wt	~ 28
Purity	% wt min	99.80
Water	ppm max	100

Dynasytan® SILBOND® EG (electronic grade) is a clear, high-monomer (99.80%), low-water-content ethyl silicate product targeted for use in the electronics industry.

Dynasytan® SILBOND® EG is tetraethyl orthosilicate (TEOS), and is an excellent source of high-purity silica for sol-gel processes, electronics, coatings, and other applications that require high-purity.

Safety and handling

Before considering the use of Dynasytan® SILBOND® products please read its Safety Data Sheet (SDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use. The Safety Data Sheet is available after registration on our website www.dynasytan.com or upon request from your local representative, customer service or from Evonik Resource Efficiency GmbH, Product Safety Department, E-MAIL sds-hu@evonik.com.

Packaging, storage and shelf life

Dynasytan® SILBOND® EG could be available in pails, drums, totes, and tanker quantities.

In the unopened container Dynasytan® SILBOND® EG has a shelf life of min. 12 months from date of manufacture.

Please ask us for further details.

Properties and applications

Dynasylan® SILBOND® EG is tetraethyl orthosilicate (TEOS), and is an excellent source of high-purity silica for sol-gel processes, electronics, coatings, and other applications that require high-purity.

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