



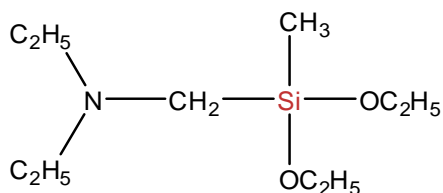
# SiSiB<sup>®</sup> PC1810 SILANE

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## CHEMICAL NAME

Diethylaminomethylmethyldiethoxysilane;  
(Methyldiethoxysilylmethyl)diethylamine

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC1810 is a novel alpha silane. The close proximity of the nitrogen atom to the silicon atom can accelerate hydrolysis reaction compared to (amino-propyl)silanes .

## TYPICAL PHYSICAL PROPERTIES

|                            |  |
|----------------------------|--|
| CAS No.                    | N.A.   |
| EINECS No.                 | N.A.   |
| Formula                    | C <sub>10</sub> H <sub>25</sub> NO <sub>2</sub> Si |
| Molecular Weight           | 219.4  |
| Boiling Point              | 219°C [760mmHg]                                    |
| Flash Point                | 86°C   |
| Color and Appearance       | Colorless to yellowish clear liquid                |
| Density <sub>25/25°C</sub> | 0.88   |
| Refractive Index           | 1.429 [25°C]                                       |
| Min. Purity                | 97.0%  |

**Solubility:** SiSiB<sup>®</sup> PC1810 is soluble in most organic solvent like alcohol, acetone, toluene, acetic ether and gasoline; also soluble in water;

## APPLICATIONS

**Power Chemical**  
ISO9001 ISO14001 certified

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# SiSiB® PC1810 SILANE

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SiSiB® PC1810 can be used as freezing agent of silicon sulfide rubber in normal temperature;

SiSiB® PC1810 can be used as anchoring agent of synthetic resin;

SiSiB® PC1810 can be used as raw material of finishing agent to manufacture fabrics.

## PACKING AND STORAGE

SiSiB® PC1810 is supplied in 20Kg plastic drum, 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB® PC1810 has a shelf life of one year in a dry and cool place.

## NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: [silanes@SiSiB.com](mailto:silanes@SiSiB.com).

**Power Chemical**  
ISO9001 ISO14001 certificated

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