



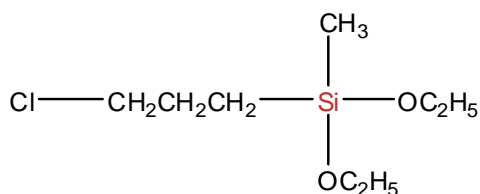
# SiSiB<sup>®</sup> PC5022 SILANE

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## CHEMICAL NAME

Chloropropylmethyldiethoxysilane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC5022 is a colorless clear liquid.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	13501-76-3
EINECS No.	236-828-6
Formula	C <sub>8</sub> H <sub>19</sub> O <sub>2</sub> ClSi
Molecular Weight	210.77
Boiling Point	81-83°C [8Kpa]109°C [30Kpa]
Flash Point	N/A
Color and Appearance	Colorless transparent liquid
Density <sub>25/25°C</sub>	0.973-0.974
Refractive Index	1.4232[25°C]
Purity:	Min 99.0% by GC

## APPLICATIONS

SiSiB<sup>®</sup> PC5022 can be used as an intermediate for other functional organosilanes and silicone fluids.

In the rubber industry, the strength of polyurethane elastomer can be enhanced by

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# SiSiB<sup>®</sup> PC5022 SILANE

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inducing polarized chloropropyl group from this product. SiSiB<sup>®</sup> PC5022 is also applicable to synthesize vulcanized rubber with low penetrativity, low rolling resistance and high elasticity & elongation rate.

In the plastic industry, SiSiB<sup>®</sup> PC5022 can be used to restrain the penetrating out of PVC additive, keeping the plastic clean, can also be used as absorbent for polyurethane foam to improve its climate adaptability.

In the textile industry, fabric can be softened and more elasticized by an agent from SiSiB<sup>®</sup> PC5022.

## PACKING AND STORAGE

SiSiB<sup>®</sup> PC5022 is supplied in 190Kg steel drum or 950Kg IBC container.

In the unopened original container SiSiB<sup>®</sup> PC5022 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).

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