



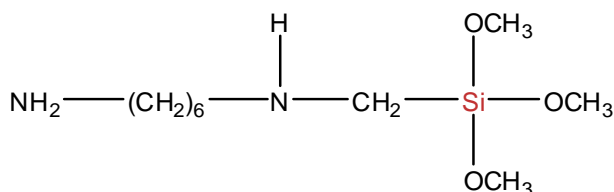
# SiSiB<sup>®</sup> PC1550 SILANE

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## CHEMICAL NAME

Aminohexylaminomethyltrimethoxysilane [Customized]

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC1550 is a bifunctional organosilane possessing two reactive amino groups and hydrolyzable inorganic methoxysilyl groups. The dual nature of its reactivity allows SiSiB<sup>®</sup> PC1550 to bind chemically to both inorganic materials and organic polymers, thus functioning as an adhesion promoter, surface modifier and as a reactant for product modification.

SiSiB<sup>®</sup> PC1550 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.	172684-43-4
EINECS No.	N/A
Formula	C <sub>10</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub> Si
Molecular Weight	250.41
Boiling Point	270°C [760mmHg]
Flash Point	117°C
Color and Appearance	Clear to straw liquid
Density <sub>25/25°C</sub>	0.959
Refractive Index	1.445
Purity:	97%

**Power Chemical**  
ISO9001 ISO14001 certified

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SiSiB<sup>®</sup> is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit [www.SiSiB.com](http://www.SiSiB.com) or [www.PCC.asia](http://www.PCC.asia)



# SiSiB® PC1550 SILANE

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## APPLICATIONS

SiSiB® PC1550 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB® PC1550 can be used in the synthesis of amino-functional silicone fluids.

## PACKING AND STORAGE

Customized product packing is 100ml, 250ml, 500ml and 1000ml bottle. Industrialized product packing is 210L steel drum or 1000L IBC tote.

In the unopened original container SiSiB® PC1550 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.

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

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