



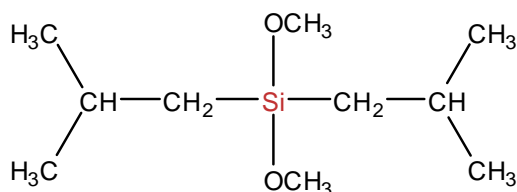
SiSiB[®] PC9510 SILANE

- 1 -

CHEMICAL NAME

Diisobutyldimethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC9510 is used in combination with Ziegler-Natta catalysts to increase the isotactic index of Polypropylene.

TYPICAL PHYSICAL PROPERTIES

CAS No.	17980-32-4
ELINCS No.	404-020-4
Formula	C ₁₀ H ₂₀ O ₂ Si
Molecular Weight	204.38
Boiling Point	188°C [760mmHg]
Flash Point	68°C
Appearance	Colorless clear liquid
Density _{25/25°C}	0.86
Refractive Index	1.4150 [25°C]
Purity:	Min 99.0%
Methanol Content	0.1% wt max.
Hydrolyzable Chloride	0.001% wt max.

APPLICATIONS

SiSiB[®] PC9510 is used in combination with Ziegler-Natta catalysts to increase the

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SiSiB® PC9510 SILANE

- 2 -

isotactic index of Polypropylene.

SiSiB® PC9510 can increase yield of polymer per unit weight of catalyst.

SiSiB® PC9510 can increase isotactic content of polypropylene-based polymers.

SiSiB® PC9510 can improve molecular weight dispersity of the polymer.

OTHER OLEFIN POLYMERIZATION CATALYSTS

SiSiB® PC5410:	Tetramethoxysilane
SiSiB® PC5420:	Tetraethoxysilane
SiSiB® PC5931:	Trimethoxypropylsilane
SiSiB® PC5932:	n-Propyltriethoxysilane
SiSiB® PC5951:	Isobutyltrimethoxysilane
SiSiB® PC5952:	Isobutyltriethoxysilane
SiSiB® PC8132:	Phenyltriethoxysilane (A donor)
SiSiB® PC8221:	Dimethoxydiphenylsilane (B donor)
SiSiB® PC9500:	Cyclohexyldimethoxymethylsilane (C donor)
SiSiB® PC9510:	Diisobutyldimethoxysilane (DIB donor)
SiSiB® PC9520:	Diisopropyldimethoxysilane (DIP donor)
SiSiB® PC9530:	Dicyclopentyldimethoxysilane (D donor)
SiSiB® PC9540:	Isobutylisopropyldimethoxysilane
SiSiB® PC9550:	Isobutyldimethoxymethylsilane

PACKING AND STORAGE

SiSiB® PC9510 is supplied in net weight 170Kg steel drum or 850Kg IBC container.

In the unopened original container SiSiB® PC9510 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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SiSiB[®] PC9510 SILANE

- 3 -

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Please send all technical questions concerning quality and product safety to: silanes@SiSiB.com.

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