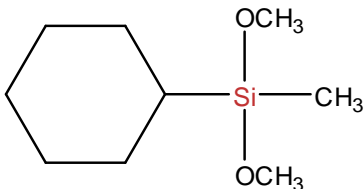


# SiSiB<sup>®</sup> PC9500

## Cyclohexylmethyldimethoxysilane, Donor C

### CHEMICAL STRUCTURE



### INTRODUCTION

SiSiB<sup>®</sup> PC9500 is an alkyl silane. It is used in combination with Ziegler-Natta catalysts to increase the isotactic index of Polypropylene.

### TYPICAL PHYSICAL PROPERTIES

CAS No.	17865-32-6
EINECS No.	402-140-1
Formula	C <sub>9</sub> H <sub>20</sub> O <sub>2</sub> Si
Molecular Weight	188.34
Boiling Point	196°C [760mmHg]
Flash Point	66°C
Appearance	Colorless transparent liquid
Color (APHA)	Max. 20
Density <sub>25/25°C</sub>	0.947
Refractive Index	1.438 [25°C]
Min. Purity	99.5%
Methanol Content	Max. 0.03% wt
Water Content	Max. 0.01% wt
Hydrolyzable Chloride	Max. 0.001% wt

### APPLICATIONS

SiSiB<sup>®</sup> PC9500 is used in combination with Ziegler-Natta catalysts to increase the isotactic index of Polypropylene.

SiSiB<sup>®</sup> PC9500 can increase yield of polymer per unit weight of catalyst.

# SiSiB<sup>®</sup> PC9500

## *Cyclohexylmethyldimethoxysilane, Donor C*

SiSiB<sup>®</sup> PC9500 can increase isotactic content of polypropylene-based polymers.

SiSiB<sup>®</sup> PC9500 can improve molecular weight dispersity of the polymer.

### OTHER OLEFIN POLYMERIZATION CATALYSTS

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

### PACKING AND STORAGE

SiSiB<sup>®</sup> PC9500 is supplied in net weight 180Kg steel drum.

In the unopened original container SiSiB<sup>®</sup> PC9500 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.

# SiSiB<sup>®</sup> PC9500

## *Cyclohexylmethyldimethoxysilane, Donor C*

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