



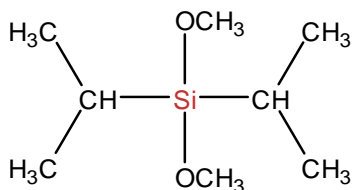
# SiSiB® PC9520 SILANE

- 1 -

## CHEMICAL NAME

Diisopropyldimethoxysilane (donor-P)

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC9520 is used in combination with Ziegler-Natta catalysts to increase the isotactic index of Polypropylene.

## TYPICAL PHYSICAL PROPERTIES

|                            |  |
|----------------------------|--|
| CAS No.                    | 18230-61-0                                       |
| ELINCS No.                 | 421-540-7  |
| Formula                    | C <sub>8</sub> H <sub>20</sub> O <sub>2</sub> Si |
| Molecular Weight           | 176.33   |
| Boiling Point              | 164°C [760mmHg]                                  |
| Flash Point                | 43°C   |
| Appearance                 | Colorless clear liquid                           |
| Density <sub>25/25°C</sub> | 0.88   |
| Refractive Index           | 1.4133 [20°C]                                    |
| Purity:                    | Min.99.0% by GC                                  |
| Methanol Content           | 0.1% wt max.                                     |
| Hydrolyzable Chloride      | 0.001% wt max.                                   |

## APPLICATIONS

SiSiB® PC9520 is used in combination with Ziegler-Natta catalysts to increase the

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# SiSiB® PC9520 SILANE

- 2 -

isotactic index of Polypropylene.

SiSiB® PC9520 can increase yield of polymer per unit weight of catalyst.

SiSiB® PC9520 can increase isotactic content of polypropylene-based polymers.

SiSiB® PC9520 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: | Dicyclopentyl dimethoxysilane (D donor)   |
| SiSiB® PC9540: | Isobutylisopropyldimethoxysilane          |
| SiSiB® PC9550: | Isobutyldimethoxymethylsilane             |

## PACKING AND STORAGE

SiSiB® PC9520 is supplied in net weight 170Kg steel drum or 850Kg IBC container.

In the unopened original container SiSiB® PC9520 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<sup>®</sup> PC9520 SILANE

- 3 -

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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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