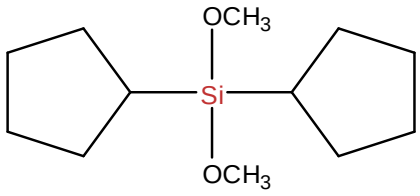
SiSiB® PC9530

Dicyclopentyldimethoxysilane, Donor D

Chemical Structure



Introduction

SiSiB® PC9530 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.	126990-35-0
EINECS No.	404-370-8
Formula	$C_{12}H_{24}O_2Si$
Molecular Weight	228.4
Boiling Point	228°C [760mmHg]
Flash Point	102°C
Appearance	Colorless clear liquid
Density $_{25/25°C}$	0.99
Refractive Index	1.467 [20°C]
Min. Purity	99.5%
Methanol Content	Max. 0.05% wt
Water Content	Max. 0.01% wt
Hydrolyzable Chloride	Max. 0.001% wt

Applications

SiSiB® PC9530 is used in combination with Ziegler-Natta catalysts to increase the isotactic index of Polypropylene.

SiSiB® PC9530 can increase yield of polymer per unit weight of catalyst.

SiSiB® PC9530 can increase isotactic content of polypropylene-based polymers.

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SiSiB® PC9530 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® PC9530 is supplied in net weight 190Kg steel drum.

In the unopened original container SiSiB® PC9530 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.

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