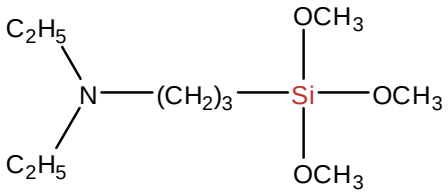
SiSiB® PC1830

Diethylaminopropyltrimethoxysilane

Chemical Structure



Introduction

SiSiB® PC1830 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic methoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1830 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..

Typical Physical Properties

CAS No.	41051-80-3
EINECS No.	255-192-0
Formula	$C_{10}H_{25}NO_3Si$
Molecular Weight	235.4
Boiling Point	120°C [20mmHg]
Flash Point	100°C
Color and Appearance	Clear to straw liquid
Density $_{25/25°C}$	0.934
Refractive Index	1.4501 [20°C]
Min Purity	98.0%

Applications

SiSiB® PC1830 can be used as coupling agent, adhesion promoters, surface modifier etc.

Packing and Storage

SINOPCC GROUP

SiSiB® PC1830

Diethylaminopropyltrimethoxysilane

SiSiB® PC1830 is supplied in 20Kg plastic drum, 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB® PC1830 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.

SINOPCC GROUP