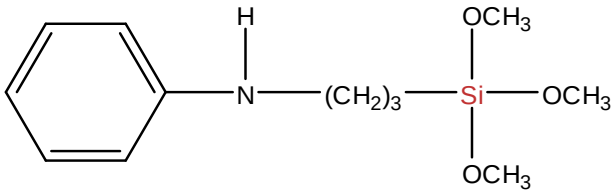
SiSiB® PC1730 SILANE

Chemical Name

(N-phenylamino)propyltrimethoxysilane, Anilinopropyltrimethoxysilane

Chemical Structure



Introduction

SiSiB® PC1730 combines phenyl and amino functionality in the same molecule. It is an extremely effective adhesion promoter for many filled and reinforced resin systems.

Typical Physical Properties

CAS No.	3068-76-6
EINECS No.	221-328-2
Formula	$C_{12}H_{21}O_3NSi$
Molecular Weight	255.39
Boiling Point	310°C [760mmHg]
Flash Point	146°C
Color and Appearance	Colorless to yellowish clear liquid
Density $_{25/25°C}$	1.07
Refractive Index	1.504 [25°C]
Min. Purity	97.0%

Applications

SiSiB® PC1730 is an excellent adhesion promoter that can be used in many resin systems. The silane exhibits very good thermal stability and is useful in high temperature applications that are also exposed to moisture.

Power Chemical
ISO9001 ISO14001 certificated

The secondary amine is useful in systems where only one reaction between resin and silane is desired (such as NCO terminal polymers).

SiSiB® PC1730 is also reactive toward epoxy, phenolic, urethane, imide, and melamine resin systems.

Packing and Storage

SiSiB® PC1730 is supplied in 200Kg steel drum or 1000Kg IBC tote.

In the unopened original container SiSiB® PC1730 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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Please send all technical questions concerning quality and product safety to: silanes@SiSiB.com.