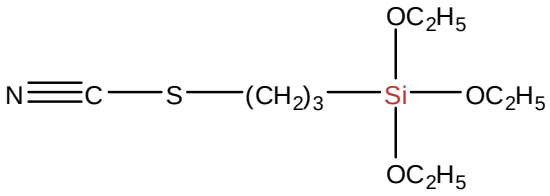
SiSiB® PC2640 SILANE

Chemical Name

3-thiocyanatopropyltriethoxysilane

Chemical Structure



Introduction

SiSiB® PC2640 is a bifunctional, sulfur-containing organosilane for rubber applications in combination with white fillers containing silanol groups.

Typical Physical Properties

CAS No.	34708-08-2
EINECS No.	252-161-3
Formula	$C_{10}H_{21}NO_3SSi$
Molecular Weight	263.43
Boiling Point	95°C [0.1mmHg]
Flash Point	138°C
Color and Appearance	Straw to yellowish liquid with mild odor
Density $_{25/25°C}$	1.03
Refractive Index	1.446 [25°C]
Purity:	Min.97.0% by GC

Applications

SiSiB® PC2640 can improve reinforcing properties of fillers that contain hydroxyl groups.

SiSiB® PC2640 can improve physical and mechanical properties of vulcanizates. It can

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improve tensile strength, tearing strength and abrasive resistance and reduce compression set of vulcanizates. In addition, it can reduce the viscosity and improve the processability of rubber products.

Packing and Storage

SiSiB® PC2640 is supplied in 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB® PC2640 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.