

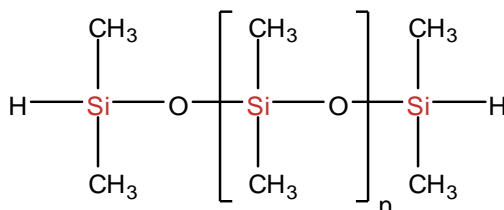
# SiSiB<sup>®</sup> HF2030-M1500

*Hydride Terminated Silicone Fluid*

## CHEMICAL NAME

Hydrogen Terminated Polydimethylsiloxane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> HF2030-M1500 is a hydride terminated polydimethylsiloxane, which molecular weight is around 1500.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	70900-21-9
Flash Point	>93°C
Color and Appearance	Colorless clear liquid
Molecular Weight	1500
Specific Gravity <sub>25°C</sub>	0.971
Refractive Index <sub>25°C</sub>	1.403
Hydrogen Content wt%	0.14-0.16%
SiH Content	1.4-1.6mmol/g
Active content:	Min.99.0%

**Remark: Other Hydrogen contents and viscosity levels can be made upon request.**

## APPLICATIONS

SiSiB<sup>®</sup> HF2030 can be used as a reactive intermediate to make ABA organo-modified silicones via hydrosilations. Functional groups normally attached in this way include allyl terminated polyethylene or polypropylene glycols, amines, and epoxies.

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# SiSiB<sup>®</sup> HF2030-M1500

## *Hydride Terminated Silicone Fluid*

SiSiB<sup>®</sup> HF2030 can be used as chain extender and crosslinker for addition cure liquid silicone rubber. It is used in conjunction with crosslinking hydrides to increase elongation and tear strength and lower durometer.

SiSiB<sup>®</sup> HF2030 can be used for water repellent treatment of textiles.

### PACKING AND STORAGE

SiSiB<sup>®</sup> HF2030 is supplied in 190Kg steel drum or 950Kg IBC tote.

In the original unopened packaging, SiSiB<sup>®</sup> HF2030 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: [support@SiSiB.com](mailto:support@SiSiB.com).