

SiSiB® HF2034-M1000 Monohydride Terminated Silicone Fluid

CHEMICAL NAME

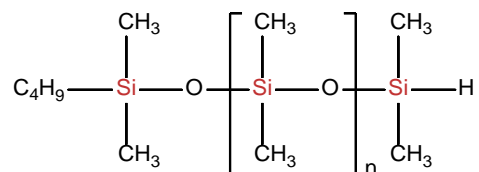
Monohydride Terminated Polydimethylsiloxane

INTRODUCTION

SiSiB® HF2034-M1000 is a mono-hydride terminated polydimethylsiloxane (PDMS) with asymmetric end groups. It contains one reactive Si-H functional group per molecule, enabling controlled hydrosilylation reactions while maintaining low viscosity and excellent flowability.

SiSiB® HF2034-M1000 is designed for use as a reactive silicone intermediate in precision synthesis, surface modification, and functional silicone formulation development.

CHEMICAL STRUCTURE



CAS NUMBER

1038821-58-7

PHYSICAL PROPERTIES

Color and Appearance	Colorless clear liquid
Molecular Weight	Approx. 1000
Hydrogen Content, wt %	Around 0.1
Viscosity 25°C, cP	5-15
Volatile Content 150°C, 3h, %	<15

These values are typical and not intended for specification purposes.

APPLICATIONS

SiSiB® HF2034-M1000 is primarily used as a reactive silicone building block in hydrosilylation systems.

Typical applications include silicone intermediate synthesis, surface treatment modifiers, specialty silicone additives, and R&D formulations requiring precise control of Si-H functionality.

PACKING

SiSiB® HF2034-M1000 is supplied in 25Kg or 200kg HDPE drum.

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HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

In the original unopened packaging, SiSiB® HF2034-M1000 has a shelf life of 1 years in a dry and cool place.

NOTE

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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We disclaim liability for any incidental or consequential damages.