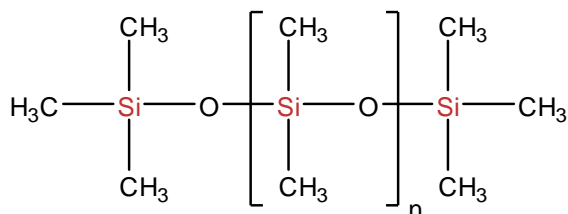


SiSiB[®] MF2010-5

PDMS Silicone Fluid 5cSt

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] MF2010-5 is a 100% polydimethylsiloxane of viscosity 5cSt.

FEATURES

- Good dielectric properties
- High water repellency
- High shearability without breakdown
- High compressibility
- High spreadability
- Low surface tension
- Low fire hazard and reactivity
- Low vapor pressure
- Good heat stability
- Good leveling and easy rubout
- Essentially odorless and nontoxic
- Soluble in a wide range of solvents
- Nonvolatile carrier
- Little change in physical properties over a wide temperature span

TYPICAL PHYSICAL PROPERTIES

CAS No.	63148-62-9
Color and Appearance	Colorless transparent liquid
Specific Gravity _{25°C}	0.913
Refractive Index _{25°C}	1.3960
Viscosity	5 cSt

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Flash Point	>130°C
Melt Point	-70°C
Pour Point	-100°C
Surface Tension	19.7mN/m

APPLICATIONS

SiSiB[®] MF2010-5 is commonly used as a base fluid in personal care products due to its excellent spreading characteristics. It may be used alone or blended with other cosmetic fluids to provide a fluid base for a variety of cosmetic ingredients. It has good solubility in most anhydrous alcohols and in many solvents used in cosmetics.

SiSiB[®] MF2010-5 is an excellent lubricant for most plastic, rubber and elastomeric surfaces.

Because of the low pour point, wide service temperature range, good heat stability, SiSiB[®] MF2010-5 is widely used as Damping Fluid, Low Temperature Bath Fluid, Heat Transfer Fluid.

PACKING AND STORAGE

SiSiB[®] MF2010-5 is supplied in 180Kg steel drum or 900Kg IBC tote.

In the original unopened packaging, SiSiB[®] MF2010-5 fluid has a shelf life of 24 months when stored at ambient temperatures. The product does not freeze and there are no restrictions on storage.

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: support@SiSiB.com.

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