

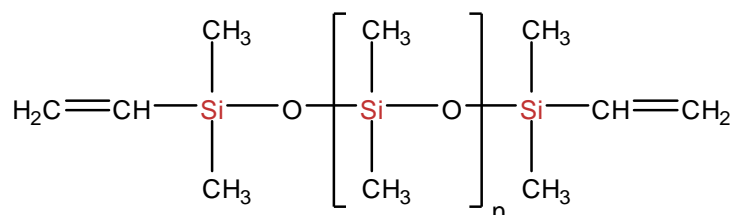
SiSiB[®] VF6030

Vinyl Silicone Fluid

CHEMICAL NAME

SiSiB[®] VF6030, Vinyl-terminated polydimethylsiloxane polymers

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] vinyl-terminated dimethylpolysiloxanes are available in a variety of viscosities. Vinyl terminated silicone fluid is a base polymer for addition-curing RVT-2k (room temperature vulcanizing two component), LSR (liquid silicone rubber) silicone rubber. The terminal vinyl groups take part in the vulcanization reaction with Crosslinking agents in the presence of Catalysts.

TYPICAL PHYSICAL PROPERTIES

Product	SiSiB [®] VF6030
CAS No.	68083-19-2
Color and Appearance	Colorless clear liquid
Active Ingredient	100%
Specific Gravity _{25°C}	0.97~0.98
Refractive Index _{25°C}	1.3950~1.4120

Product Name	Vinyl Content	Viscosity
SiSiB [®] VF6030-6	3.00 mmols/gm	6 cSt
SiSiB [®] VF6030-10	1.70 mmols/gm	10 cSt
SiSiB [®] VF6030-20	1.20 mmols/gm	20 cSt
SiSiB [®] VF6030-50	0.80 mmols/gm	50 cSt
SiSiB [®] VF6030-100	0.37 mmols/gm	100 cSt
SiSiB [®] VF6030-200	0.25 mmols/gm	200 cSt

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SiSiB [®] VF6030-250	0.22 mmols/gm	250 cSt
SiSiB [®] VF6030-400	0.19 mmols/gm	400 cSt
SiSiB [®] VF6030-500	0.15 mmols/gm	500 cSt
SiSiB [®] VF6030-1000	0.11 mmols/gm	1000 cSt
SiSiB [®] VF6030-2000	0.08 mmols/gm	2000 cSt
SiSiB [®] VF6030-4000	0.07 mmols/gm	4000 cSt
SiSiB [®] VF6030-5000	0.06 mmols/gm	5000 cSt
SiSiB [®] VF6030-10000	0.05 mmols/gm	10000 cSt
SiSiB [®] VF6030-20000	0.04 mmols/gm	20000 cSt
SiSiB [®] VF6030-65000	0.03 mmols/gm	65000 cSt
SiSiB [®] VF6030-80000	0.024 mmols/gm	80000 cSt
SiSiB [®] VF6030-100000	0.02 mmols/gm	100000 cSt
SiSiB [®] VF6030-165000	0.015mmols/gm	165000 cSt

APPLICATIONS

SiSiB[®] VF6030 can be used as base polymers or as blend polymers in order to create the desired hardness. These polymers can be cured with silicon-hydride crosslinkers and a platinum catalyst.

PACKING AND STORAGE

SiSiB[®] VF6030 is supplied in 190Kg steel drum or 950Kg IBC tote.

In the original unopened packaging, SiSiB[®] VF6030 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.

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.