

SiSiB® PF8001 Phenyl Vinyl Silicone Gum

INTRODUCTION

SiSiB® PF8001 is a vinyl-terminated methylphenyl silicone gum, appearing as a colorless to straw-colored clear liquid. With a balanced phenyl content and high viscosity, it is especially designed for use in damping and sealing systems requiring enhanced low-temperature performance and structural flexibility.

CAS NUMBER

68951-96-2

EINECS NUMBER

805-681-5

PHYSICAL PROPERTIES

Color and Appearance	Colorless to straw clear liquid
Phenyl Content (mol%)	2.5~20
Viscosity (cst, 25°C)	200,000~300,000

Note: These values are typical and are not intended for use as specifications.

APPLICATIONS

SiSiB® PF8001 is primarily used as a damper fluid or silicone sealing base in mechanical assemblies exposed to vibration, thermal cycling, or low-temperature conditions. It offers excellent flexibility, damping performance, and compatibility with platinum-cured systems.

PACKING

SiSiB® PF8001 is supplied in 20Kg pails and 200Kg steel drums.

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® PF8001 has a shelf life of 12 months in a dry and cool place.

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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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