

SiSiB® SG1070 Hydroxyl Silicone Gum

INTRODUCTION

SiSiB® SG1070 is a high molecular weight, hydroxyl-terminated linear polydimethylsiloxane gum. The product exhibits high polymer chain length and reactive silanol end groups, making it suitable for further compounding and crosslinking applications. It is commonly used as a base polymer or performance modifier in silicone formulations.

CAS NUMBER

70131-67-8

EINECS NUMBER

615-070-3

PHYSICAL PROPERTIES

Color	Colorless
Molecular Weight	450,000-800,000
Volatile (150°C × 3 h, %)	Max.1.0

The above values are typical and not intended for specification purposes.

APPLICATIONS

SiSiB® SG1070 is primarily used to improve the adhesion performance of silicone pressure-sensitive adhesive (PSA) systems. It can also be incorporated into silicone elastomer formulations where hydroxyl functionality is required for crosslinking reactions.

PACKING

SiSiB® SG1070 is supplied in 25Kg carton box.

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

When stored in the original unopened packaging in a cool and dry place, the shelf life is 12 months from the date of manufacture.

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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.

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.