

SiSiB® LR1470 LSR for Kitchen Ware

INTRODUCTION

SiSiB® LR1470 is a two-component liquid silicone rubber designed for injection molding, featuring a 1:1 mixing ratio. It offers excellent flexibility, durability, and heat resistance, making it suitable for a wide range of applications, including automotive, medical, and consumer goods.

KEY FEATURES

- Good rebound properties
- High tensile and tear strength
- Long-term flexibility across a temperature range from -40°C to 230°C
- Yellowing resistance
- Complies with USA FDA CFR 21, Part 177.2600, EN14350-2 Section 4.9 testing standards for volatile compounds
- ROHS and REACH compliance

TYPICAL PROPERTIES

Appearance	Unit	Transparent
Viscosity (Part A)	Pa.s	1000
Viscosity (Part B)	Pa.s	990
Hardness	Shore A	65
Tensile Strength	MPa	10
Tear Strength	kN/m	38
Elongation at break	%	420
Rebound	%	73

Cure condition: 10 min 175°C + 4 hours 200°C

Typical data are average data and actual values may vary.

Typical data shall not be used as product specifications.

APPLICATIONS

SiSiB® LR1470 Liquid Silicone Rubber is a translucent, general-purpose LSR that offers excellent process performance, enhanced rheology. SiSiB® LR1470 is ideal for a wide range of applications, including food contact items such as cookware, valves, and diaphragms, as well as medical devices, automotive components, consumer goods, and industrial seals.

PACKING

SiSiB® LR1470 is supplied in 200 kg drums, with a plastic bag inside.

STORAGE

When stored at or below 35°C in the original unopened containers, SiSiB®

SiSiB® LR1470 LSR for Kitchen Ware

LR1470 Liquid Silicone Rubber has a usable life of 12 months from the date of production.

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.

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.