

# SiSiB<sup>®</sup> HR0970 High Consistency Silicone Rubber (HCR) for Molding

## INTRODUCTION

SiSiB<sup>®</sup> HR0970 is a general-purpose heat-cured high consistency silicone rubber (HCR) designed for molding applications. It offers balanced mechanical properties, good processability, and stable physical performance, making it suitable for a wide range of molded silicone rubber parts.

## KEY FEATURES

- Good processing and machining performance
- Excellent mechanical strength and resilience
- Stable translucency with good resistance to yellowing
- RoHS compliant

## PHYSICAL PROPERTIES

Appearance	Translucent
Hardness (Shore A)	70+/-2
Tensile Strength (MPa)	Min.7.0
Elongation (%)	Min. 200
Tensile Set (%)	Max. 6.0
Curing Agent	C-15
Curing Agent Content	1.4%
Curing Condition	170°C x 5min

*The above values are typical and not intended for use as specifications.*

## APPLICATIONS

- Keypads
- Seals and gaskets
- General industrial molded parts

## PACKING

SiSiB<sup>®</sup> HR0970 is supplied in 20Kg box, with plastic bag inside.

## STORAGE

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

## 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.

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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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