

SiSiB® HR7272 High Temperature Flame Retardant HCR

INTRODUCTION

SiSiB® HR7272 is a high-temperature resistant, flame-retardant silicone rubber featuring excellent heat resistance, flame retardancy, and balanced mechanical properties.

KEY FEATURES

- Outstanding heat resistance
- Excellent flame-retardant performance
- Good physical strength

PHYSICAL PROPERTIES

Appearance	Transparent
Density (g/cm ³)	1.20+/-0.02
Hardness (Shore A)	70+/-3
Tensile Strength (MPa)	Min. 9.0
Elongation (%)	Min. 400
Tear Strength (KN/m)	Min. 25.0
Flammability Rating	3mm, FV-0

CURING CONDITION

175°C for 5 minutes

Curing agent: 1.0% of 2,5-dimethyl-2,5-di(tert-butylperoxy)hexane

APPLICATIONS

SiSiB® HR7272 is suitable for transparent flame-retardant silicone rubber products and high-temperature, high-strength applications, especially in the extrusion of flame-retardant and fire-resistant cable compounds.

PACKING

SiSiB® HR7272 is supplied in 20Kg box, with plastic bag inside.

STORAGE

In the unopened original container, SiSiB® HR7272 has a shelf life of one year in a dry and cool place.

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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