

General Fumed Silicone Rubber for Extrusion

INTRODUCTION

SiSiB® HR8640 is general fumed silicone rubber for extrusion.

KEY FEATURES

- Excellent transparency and mechanical properties
- Stable processability
- Good yellowing resistance.
- 40, 50, 60, 70, 80 durometer grades available.
- Compliance with FDA and LFGB.

TYPICAL PHYSICAL PROPERTIES

| | | |
|--------------------|------------------------------|-------------|
| | Product | HR8640 |
| | Appearance | Transparent |
| | Density (g/cm ³) | 1.09-1.15 |
| | Rebound Resilience (%) | Min. 50.0 |
| Curing | Hardness (Shore A) | 40+/-2 |
| | Tensile Strength (MPa) | Min. 8.0 |
| | Elongation (%) | Min. 500 |
| | Tensile Set (%) | Max. 10.0 |
| | Tear Strength (KN/m) | Min. 20.0 |
| Post-curing | Hardness (Shore A) | 45+/-2 |
| | Tensile Strength (MPa) | Min. 7.5 |
| | Elongation (%) | Min. 400 |
| | Tear Strength (KN/m) | Min. 18.0 |
| | Curing Agent Content | 0.65% |
| | Curing Condition | 175°C×5min |

APPLICATIONS

SiSiB® HR8640 can be used for manufacturing of various silicone tubes, sealing joint strips, electric wires and cables through extrusion process.

HCR

SiSiB[®] HR8640

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PACKING AND STORAGE

SiSiB[®] HR8640 is supplied in 20Kg box, with plastic bag inside.

In the unopened original container it has a shelf life of one year in a dry and cool place.

NOTES

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.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.