

HCR

SiSiB[®] HR0500

High Rebound Resilience

INTRODUCTION

SiSiB[®] HR05xx is the high rebound resilience heat cured silicone elastomers for molding.

KEY FEATURES

- ☐ High rebound resilience
- ☐ Excellent process ability
- ☐ Well balanced physical properties
- ☐ 40, 50, 60, 70 durometer grades available
- ☐ ROHS test passed.

TYPICAL PHYSICAL PROPERTIES

Product	HR0550	HR0560	HR0570
Appearance	Translucent	Translucent	Translucent
Hardness (Shore A)	50+/-2	60+/-2	70+/-2
Williams Plasticity	190+/-20	185+/-35	260+/-30
Tensile Strength (MPa)	Min.5.5	Min.7.0	Min.8.0
Elongation (%)	Min. 250	Min. 180	Min. 150
Tensile Set (%)	Max. 8.0	Max. 8.0	Max. 8.0
Tear Strength (KN/m)	Min. 15.0	Min. 14.0	Min. 14.0
Curing Agent	C-8	C-8	C-8
Curing Agent Content	2.0%	2.0%	2.0%
Curing Condition	170°C×5min	170°C×5min	170°C×5min

APPLICATIONS

- ☐ Long life Keypad
- ☐ Gasket/Roller
- ☐ Parts

PACKING AND STORAGE

SiSiB[®] HR05xx 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.

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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.

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