

## INTRODUCTION

SiSiB<sup>®</sup> HR20xx is high strength type heat cured elastomer for molding or extrusion.

## KEY FEATURES

- Excellent process ability.
- High strength
- 30, 40, 50, 60, 70, 75, 80 durometer grades available
- ROHS/FDA test passed.

## TYPICAL PHYSICAL PROPERTIES

Product	HR2030	HR2040	HR2050
Appearance	Transparent	Transparent	Transparent
Hardness (Shore A)	30+/-2	40+/-2	50+/-2
Williams Plasticity	160+/-20	205+/-25	215+/-25
Tensile Strength (MPa)	Min.7.0	Min.8.0	Min.8.0
Elongation (%)	Min. 750	Min. 550	Min. 500
Tensile Set (%)	Max. 8.0	Max. 8.0	Max. 8.0
Tear Strength (KN/m)	Min. 14.0	Min. 18.0	Min. 26.0
Curing Agent	C-15	C-15	C-15
Curing Agent Content	2.0%	2.0%	2.0%
Curing Condition	170°C×10min	170°C×10min	170°C×10min

Product	HR2060	HR2070	HR2075	HR2080
Appearance	Transparent	Transparent	Transparent	Transparent
Hardness (Shore A)	60+/-2	70+/-2	75+/-2	80+/-3
Williams Plasticity	260+/-30	285+/-35	300+/-30	330+/-40
Tensile Strength (MPa)	Min.8.0	Min.7.5	Min.7.5	Min.7.5
Elongation (%)	Min. 400	Min. 300	Min. 300	Min. 200
Tensile Set (%)	Max. 8.0	Max. 8.0	Max. 12.0	Max. 8.0
Tear Strength (KN/m)	Min. 26.0	Min. 26.0	Min. 26.0	Min. 24.0
Curing Agent	C-15	C-15	C-15	C-15
Curing Agent Content	2.0%	2.0%	2.0%	2.0%
Curing Condition	170°C×10min	170°C×10min	170°C×10min	170°C×10min

# HCR

**SiSiB<sup>®</sup> HR2000**  
*Advanced High Strength*

## APPLICATIONS

- Kitchenware
- Skin for MP3/MP4/Mobile Phone
- Wire/Cable
- Tubes
- Sealing, parts

## PACKING AND STORAGE

SiSiB<sup>®</sup> HR20xx 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](mailto:support@SiSiB.com).

**SINOPCC GROUP**

AddSil, CoatSil, Kolark, PowSil, SinoSil, SiSiB, WinSil:  
Trademark of SINOPCC Group Limited or its affiliated.  
© 2018 SINOPCC Group Limited. All rights reserved.  
For further information, please see [www.SiSiB.com](http://www.SiSiB.com).