

INTRODUCTION

SiSiB[®] HR21xx is high strength & transparency type heat cured elastomer for molding and extrusion.

KEY FEATURES

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

TYPICAL PHYSICAL PROPERTIES

Product	HR2130	HR2140	HR2150
Appearance	Transparent	Transparent	Transparent
Hardness (Shore A)	30+/-2	40+/-2	50+/-2
Williams Plasticity	160+/-20	220+/-30	195+/-25
Tensile Strength (MPa)	Min.7.0	Min.7.0	Min.8.0
Elongation (%)	Min. 750	Min. 500	Min. 550
Tensile Set (%)	Max. 8.0	Max. 8.0	Max. 8.0
Tear Strength (KN/m)	Min. 14.0	Min. 18.0	Min. 28.0
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	HR2160	HR2170	HR2180
Appearance	Transparent	Transparent	Transparent
Hardness (Shore A)	60+/-2	70+/-2	80+/-3
Williams Plasticity	250+/-30	285+/-35	330+/-40
Tensile Strength (MPa)	Min.8.0	Min.7.5	Min.6.5
Elongation (%)	Min. 400	Min. 300	Min. 250
Tensile Set (%)	Max. 10.0	Max. 12.0	Max. 14.0
Tear Strength (KN/m)	Min. 26.0	Min. 28.0	Min. 24.0
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

HCR

SiSiB[®] HR2100
High Strength & High Transparency

APPLICATIONS

- ☐ Baby nipple
- ☐ Tubes
- ☐ Parts

PACKING AND STORAGE

SiSiB[®] HR21xx 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.

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