

INTRODUCTION

SiSiB® HR61xx is oil-resistance silicone rubber used for sealing products, tubes or other parts. It is suitable for molding and extrusion.

KEY FEATURES

- ☐ Excellent process ability.
- ☐ Excellent Oil-resistance.
- ☐ 30, 40, 50, 60, 70, 75 durometer grades available
- ☐ ROHS test passed

TYPICAL PHYSICAL PROPERTIES

Product	HR6130	HR6140	HR6150
Appearance	Off-white	Off-white	Off-white
Hardness (Shore A)	30+/-3	40+/-3	50+/-3
Tensile Strength (MPa)	Min.4.0	Min.4.0	Min.6.0
Elongation (%)	Min. 400	Min. 350	Min. 300
Tensile Set (%)	Max. 8.0	Max. 8.0	Max. 8.0
Tear Strength (KN/m)	Min. 8.0	Min. 10.0	Min. 12.0
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

Product	HR6160	HR6170	HR6175
Appearance	Off-white	Off-white	Off-white
Hardness (Shore A)	60+/-3	70+/-3	75+/-3
Tensile Strength (MPa)	Min.5.0	Min.6.0	Min.4.0
Elongation (%)	Min. 200	Min. 150	Min. 80
Tensile Set (%)	Max. 8.0	Max. 8.0	Max. 8.0
Tear Strength (KN/m)	Min. 12.0	Min. 12.0	Min. 10.0
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

HCR

SiSiB[®] HR6100
Oil Resistant

- ☐ Sealing products
- ☐ Tubes or parts

PACKING AND STORAGE

SiSiB[®] HR61xx 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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