



SiSiB[®] HR0180 HCE

- 1 -

INTRODUCTION

SiSiB[®] HR0180 is general purpose heat cured elastomer for molding.

KEY FEATURES

Good process ability

Well balanced physical properties and bound resilience

30, 40, 50, 60, 70 durometer grades available

ROHS test passed.

TYPICAL PHYSICAL PROPERTIES

Product	SiSiB [®] HR0180 HCE
Appearance	Translucent
Curing Agent	C-8
Curing Agent Content	2.0%
Curing Condition	170°C×5min
Linear Shrinkage (%)	2.9-3.4
Hardness (Shore A)	81+/-3
Tensile Strength (MPa)	Min. 6.0
Elongation (%)	Min. 120
Tensile Set (%)	Max. 6.0
Tear Strength (KN/m)	Min. 16.0

APPLICATIONS

Keypads

Seals

Parts

PACKING AND STORAGE

Power Chemical
ISO9001 ISO14001 certificated

Copyright© 2008 Power Chemical Corporation Ltd.
SiSiB[®] is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PCC.asia



SiSiB® HR0180 HCE

- 2 -

SiSiB® HR0180 is supplied in 20Kg box, with plastic bag inside.

Store in a cool and dry place out of direct sunlight.

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.

Power Chemical
ISO9001 ISO14001 certificated

Copyright© 2008 Power Chemical Corporation Ltd.
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PCC.asia