

KEY FEATURES

- Good process ability
- Well balanced physical properties and bound resilience
- 30, 40, 50, 60, 70, 80 durometer grades available
- ROHS test passed.

TYPICAL PHYSICAL PROPERTIES

| Product | HR0130 | HR0140 | HR0150 |
|------------------------|--------------|--------------|--------------|
| Appearance | Translucent | Translucent | Translucent |
| Hardness (Shore A) | 30+/-2 | 40+/-2 | 50+/-2 |
| Williams Plasticity | 130+/-20 | 160+/-20 | 215+/-24 |
| Tensile Strength (MPa) | Min. 4.0 | Min. 6.5 | Min. 7.0 |
| Elongation (%) | Min. 500 | Min. 400 | Min. 300 |
| Tensile Set (%) | Max.10.0 | Max.10.0 | Max.10.0 |
| Tear Strength (KN/m) | Min. 12.0 | Min. 12.0 | Min. 15.0 |
| Linear Shrinkage (%) | 3.3-3.8 | 3.2-3.7 | 3.1-3.6 |
| Curing Agent | C-8 | C-8 | C-8 |
| Curing Agent Content | 2.0% | 2.0% | 2.0% |
| Curing Condition | 170°C x 5min | 170°C x 5min | 170°C x 5min |

| Product | HR0160 | HR0170 | HR0180 |
|------------------------|--------------|--------------|--------------|
| Appearance | Translucent | Translucent | Translucent |
| Hardness (Shore A) | 60+/-2 | 70+/-2 | 81+/-3 |
| Williams Plasticity | 240+/-30 | 330+/-40 | 340+/-40 |
| Tensile Strength (MPa) | Min. 6.5 | Min. 6.0 | Min. 6.0 |
| Elongation (%) | Min. 220 | Min. 150 | Min. 120 |
| Tensile Set (%) | Max. 8.0 | Max. 8.0 | Max. 6.0 |
| Tear Strength (KN/m) | Min. 14.0 | Min. 14.0 | Min. 16.0 |
| Linear Shrinkage (%) | 3.0-3.5 | 2.9-3.4 | 2.9-3.4 |
| Curing Agent | C-8 | C-8 | C-8 |
| Curing Agent Content | 2.0% | 2.0% | 2.0% |
| Curing Condition | 170°C x 5min | 170°C x 5min | 170°C x 5min |

APPLICATIONS

HCR

SiSiB[®] HR0100
General for Molding

- Keypads
- Seals
- Parts

PACKING AND STORAGE

SiSiB[®] HR01xx 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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