

## Sindanyo H96

Sindanyo H96 has been specially developed to provide outstanding service in demanding thermal applications, where a quality, high strength, machine able engineering board is required.

Sindanyo H96 is the same material as Sindanyo H93 but with a better resistance to moisture absorption via a vacuum impregnated proprietary silicone treatment.

| Properties                                 | Units                 |      |
|--|-----------------------|------|
| Compressive strength                       | MPa                   | 130  |
|  | 24 hours @ 350 °C     | 75   |
|  | 24 hours @ 500 °C     | 55   |
|  | 24 hours @ 700 °C     | -    |
| Flexural strength                          | MPa                   | 37   |
|  | 24 hours @ 350 °C     | 28   |
|  | 24 hours @ 500 °C     | 23   |
|  | 24 hours @ 700 °C     | -    |
| Impact strength                            | Kj/mm                 | 4    |
|  | 24 hours @ 350 °C     | 3    |
|  | 24 hours @ 500 °C     | 2,9  |
|  | 24 hours @ 700 °C     | -    |
| Electric strength @ 90 °C                  | KV/mm in air          | 2    |
| Surface Breakdown @ 90 °C                  | KV in air             | 15   |
| Maximum Continuous Operating Temperature   | °C                    | 500  |
| Maximum Intermittant Operating Temperature | °C                    | -    |
| Thermal Conductivity                       | W/m K                 | 0,5  |
| Linear Shrinkage                           | % @ 350 °C            | 0,36 |
| Density                                    | g/cm <sup>3</sup>     | 2,2  |
| Water absorption                           | % in 24 hours @ 23 °C | 1    |

|        |   |      |
|--------|---|------|
| Colour | - | Grey |
|--------|---|------|

**Availability:**

Sindanyo H96 can be delivered as sheet cut-offs and finished parts.

Sheet:            Size:                            620 x 940 mm  
                     Thickness:                        6 - 25 mm

Parts:            Finished products conform drawing