

S I L E X

S I L I C O N E S



Certificate No. 0372

SIL20 HT

TECHNICAL DATA SHEET EXTREME TEMPERATURE SILICONE SPONGE

Sillex 'HT' series is a premium grade of Silicone sponge exhibiting high temperature capabilities ranging from -60°C to +270°C (300°C intermittent).

Cell structure: Predominantly closed cell, low water absorption

| SIL20 HT | | |
|--|----------------------|---------------------------|
| PROPERTY | SPECIFICATION LIMITS | TEST METHOD |
| *Density (kg.m ⁻³) | 320±50 | BSENISO 845 |
| **Compression Stress (kPa) (40% strain) | 130±40 | BSENISO 3386 Part 1, 2 |
| Compression Set (%) (22 hours @ 70°C) | 15 max | BSENISO 1856 |

*Density measured on 25mm diameter cord sample. The density of samples of different sizes will be different from that stated here.

**Compression Stress measured on samples as defined in BSENISO 3386. The compressive stress on samples of different dimensions, especially thickness may vary from that quoted here.

For further information about physical properties for other sample sizes, please contact the technical department.