

Fullchance industrial co.,ltd

Silicone Sponge Data Sheet

Properties:

Property	Average Value
Density *	900 kg/m ³
Compression Stress (40% strain) ***	90 kPa
Tensile Strength	1.2 N/mm ⁻²
Elongation to failure	200%
Compression Set ****	10%
Brittle Point (ASTM D746)	-80°C
Limiting Oxygen Index (BS 2872 pt1)	24%
Thermal Conductivity (BS 874 pt2)	6.4x10 ⁻² W/m ⁻¹ K ⁻¹
Radiation Resistance	>105 Grays typical
Hardness **	45° Shore OO ±5

* Density measured on 500mmX500mm sample.

** Hardness measured on 10mm thick sample.

Compression Stress measured on samples as defined in BSENISO 3386. * 50% compression, 22hrs @ 70°C, 24hrs recovery.

Available in a range of thickness from

1mm-25mm

See separate data sheet for details

Figures shown in this data sheet are typical values. The above information is supplied in good faith but no liability is accepted by fullchance Ltd. The data sheet does not act as a warranty and the end user should satisfy themselves of its suitability of the product for its intended use.