

Silicone Sponge Rubber S3955

Description:

S3955 is a silicone sponge rubber with closed cellular structure and skin on both surfaces. The material has excellent heat and chemical resistance, and is delivered in roll form.

Technical Data	Unit	Values
Colour		White
Hardness	Shore 00	55±5
	Shore A	5±2
Density	kg/m ³	250±40
Compression stress at 40% strain	kPa	90±40
Compression set 22h at 70°C	%	<15
Ultimate elongation	%	>150
Tensile strength	N/mm ²	>0.75
Temperature range in dry air, constant	°C	-70 / +200
Temperature range in dry air, short	°C	-70 / +260

* Density measured on 25 mm diameter cord sample.

The density of samples of different sizes will be different from that stated here.

** Hardness measured on 100 mm thick sample.

A less than 10 mm the measured hardness will increase with density.

*** Compression stress measured on 25 mm thick sample

The compressive stress of the material increases with the density as the sample thickness is reduced

It is not possible to perform a Shore A hardness test on sponge material

These values are provided as a guideline for comparison to solid materials, and as such are not designed for use in