

Professionally approved products.

Datasheet

White Silicone Rubber Sheet, 1000mm x 600mm x 6mm

RS Stock number [733-6738](#)



Description:

A closed cell, skin finish silicone sponge. Resistant to UV and ozone.

Specifications:

Brittle Point:	-80°C (-112°F)
Limiting Oxygen Index:	24.00%
Thermal Conductivity:	0.24 W.m ⁻¹ .K ⁻¹
Radiation Resistance:	>10 ⁵ Grays (10 ⁷ Rads) Typical
Dielectric Strength:	23kV.mm ⁻¹
Dielectric Constant:	2.9
Dissipation Factor @ 50c/s:	3x 10 ⁻¹
Volume Resistivity:	3x10 ¹⁵ .Ωcm

PROPERTY	SPECIFICATION LIMITES/TEST METHOD	TYPICAL VALUE
Hardness Shore A:	11 +/-4	13
Density g/cm ³ :	250+/-100	256
Compression stress @ 40% strain Kpa:	90+/-40	90
Compression Set 22 hours @ 70°C:	15% max	10%
Tensile Strength Nmm ⁻² :	0.75min	1.2
Elongation to failure:	100% min	200%
Temperature Range:	n/a	-60° to 200°C
Brittle Point (°C):	ASTM D746	-80