



WILLIAM JOHNSTON **& COMPANY LIMITED**

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Certificate of Typical Properties

Product: Silicone Sponge

Date: 2013

Material: Sponge

William Johnston & Company Ltd certifies that product or services supplied are covered by manufacturing standards ISO 9001:2000 guidelines.

Tolerances: ISO 3302-1:1996 E2

<u>Specific Data</u>	USL10 Soft	USL16 Medium	USL24 Firm
Density (lbs/cu.ft.)	10+/-4	16+/-4	24+/-4
g/cm3	0.16+/-0.06	0.25+/-0.06	0.39+/-0.06
Elongation %	200	215	225
Compression set % 22hrs @ 70C	15	15	15
Tensile strength – (Mpa) 10mm Thick	0.5	0.65	1.05
Temperature (Max) C	200	200	200
Temperature (Min) - C	-50	-50	-50
Toxity NES 713 ISS.3	14	14	14
Smoke Index NES 711 ISS.2	46	46	46
Burn rate Bs 4735: 1974 mm/s	0.03	0.03	0.03
Thermal Conductivity W/m.k	0.0695	0.0695	0.0695

N.B. All samples tested were produced under normal manufacturing conditions.
Stated properties are for guidance only.