

Product information

FLAME RETARDANT SILICONE SPONGE SHEETING UL94 VO



PROPERTY	VALUE	TEST METHOD
DENSITY	<p>220 kg.m³ (+/-30) (Typical: 218)</p> <p>400 kg.m³ (+/-60) (Typical: 404)</p>	<p>BSENISO 845</p> <p>* 25mm Sample</p> <p>* 3mm Sample</p>
**COMPRESSION STRESS: 40% Strain	70 kPa (+/-20) (Typical: 68)	BSENISO 3386 Part 1, 2
COMPRESSION SET: 50% Compression 22 hours @ 70°C 24hours recovery	15% max (Typical: 10)	BSENISO 1856
TEMPERATURE RANGE:	-60°C to +230°C	

* Note: The density of sponge varies with the thickness of the product. As the thickness decreases the density increases in addition as the density increases the stiffness of the product increases.

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

SPECIFICATIONS

These products have been specifically formulated for and hold approval to the flammability requirements of the UL94 VO specification. The UL file number for these materials is E235077. As VO is the most demanding of the UL94 vertical burn tests, these grades may also be used in applications where V1 or V2 rating is required. These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(I), (a)(1)(ii) vertical and (A)(1)(IV), (a)(1)(v) horizontal flammability tests.

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