

**SEKISUI FOAM AUSTRALIA**

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# TECHNICAL INFORMATION

## TECHNICAL DATA SHEET

### Softlon® OPC FR 4000

**Description:**

Softlon® OPC FR 4000 is a physically crosslinked fire retardant polyolefin foam with superior softness and sound absorption properties. The foam is free of heavy metals, PVC, plasticisers and CFCs.

Property	Typical Value	Test Method
Density	25 kg/m <sup>3</sup> (nominal)	Internal
Tensile Strength	3.3 kg/cm <sup>2</sup> (longitudinal) 1.7 kg/cm <sup>2</sup> (crosswise)	JIS K6767
Elongation	130% (longitudinal) 110% (crosswise)	JIS K6767
Tear Strength	1.8 kg/cm (longitudinal) 1.0 kg/cm (crosswise)	JIS K6767
Compression Strength	0.01 kg/cm <sup>2</sup> @ 25% deflection 0.02 kg/cm <sup>2</sup> @ 50% deflection 0.05 kg/cm <sup>2</sup> @ 75% deflection	Internal
Compression Set	3.1% @ 25% deflection	JIS K6767
Dimensional Change Heat	-0.68% (longitudinal) -2.63% (crosswise)	70°C, 22h
Working Temperature Range	-80 / +100 °C	Internal
Noise Reduction Coefficient	0.15 @ 6mm thickness 0.45 @ 15mm thickness	ISO 354
Thermal Conductivity	0.034 W/m/°K @ 23 °C mean temperature	ASTM C518
Flammability Properties	Pass Pass	FMVSS 302 UL94 (HF-1)
Water Absorption	2.07 mg/cm <sup>2</sup>	JIS K6767



This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

Recommendations as to methods of post fabrication, application and use of Sekisui Foam International products are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of Sekisui Foam International products and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which Sekisui Foam International products are utilised or for any application.

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