

TECHNICAL INFORMATION

TECHNICAL DATA SHEET

Softlon® 3000

Description:

Softlon® 3000 series is a closed cell, electron beam crosslinked, polyolefin foam with an outer skin. The foam is free of heavy metals, plasticisers and CFC's.

Due to the unique manufacturing process, Softlon® 3000 exhibits consistent thickness and density.

Property	Typical Value	Test Method
Density	33 kg/m ³ (nominal)	Internal
Tensile Strength	4.4 kg/cm ² (longitudinal) 2.6 kg/cm ² (crosswise)	JIS K6767
Elongation	250% (longitudinal) 158% (crosswise)	JIS K6767
Tear Strength	2.4 kg/cm (longitudinal) 1.5 kg/cm (crosswise)	JIS K6767
Compression Strength	0.35 kg/cm ² @ 25% deflection 1.00 kg/cm ² @ 50% deflection	Internal
Compression Set	6.5% @ 25% deflection 23.0% @ 50% deflection	JIS K6767
Dimensional Change Heat	-1.45% (longitudinal) -0.75% (crosswise)	70°C, 22HR
Working Temperature	-80 / + 100 °C	Internal
Water Absorption	0.07 mg/cm ²	JIS K6767
Water Vapour Permeability	4.6 g/m ² 24h	JIS Z0208



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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