

SEKISUI FOAM AUSTRALIA

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TECHNICAL INFORMATION

TECHNICAL DATA SHEET

Softlon® F-Series

Description:

Softlon® F-Series is a closed cell, electron beam crosslinked, polyolefin foam with an outer skin. The foam is free of heavy metals, plasticisers and CFCs.

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

Property	Test Method	Units	Typical Value		
			F25	F10	F5
Grade			F25	F10	F5
Density	Internal	kg/m ³	100	50	33
Compression Creep Max. load (3 years, max. 10%)	Internal	kPa	25	10	5
Compression Strength	Internal				
25% deflection		kPa	127	53	34
50% deflection		kPa	255	128	98
Compression Set	JIS K6767				
25% deflection		% set	4.0	5.1	6.5
50% deflection		% set	9.2	15.0	23.0
Dimensional Change Heat	70°C, 22h				
Longitudinal		-%	0.83	1.43	1.45
Crosswise		-%	0.20	0.40	0.75
Working Temp Range	Internal	°C	-80 / +100		
Water Absorption	JIS K6767	mg/cm ²	0.03	0.05	0.07
Thermal Conductivity	ASTM C518	W/m.°K, 23°C	0.050	0.041	0.035



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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