

SVA FRA is a closed cell, cross-linked expanded Ethylene Vinyl Acetate foam containing a Flame Retardant Additive, which is suitable for applications where flame retardant foam is required. The SVA product range is free from CFC's and HCFC's.

PROPERTY	UNIT	TEST METHOD	NOMINAL ⁽¹⁾	RANGE
DENSITY:	kg / m ³	ISO 845	64	52-77 ⁽²⁾
TENSILE STRENGTH:				
CD	kPa	ISO 1798	683	>320
MD	kPa	ISO 1798	610	>318
ELONGATION:				
CD	%	ISO 1798	389	>385
MD	%	ISO 1798	370	>316
COMPRESSION DEFLECTION:				
10 %	kPa	ISO 3386 / 1	33	22 - 44
25 %	kPa	ISO 3386 / 1	52	41 - 64
50 %	kPa	ISO 3386 / 1	106	83 - 129
MAXIMUM OPERATING TEMPERATURE: ⁽³⁾				
	°C	INTERNAL	55	N/A
BURN RATE: ⁽⁴⁾				
	mm / min	INTERNAL	-	SE ⁽⁵⁾
SHORE HARDNESS:				
	OO	INTERNAL	52	47 - 57
THERMAL CONDUCTIVITY:				
10 mm	W / m.K	ASTM C-518	N/A	
20 mm	W / m.K	ASTM C-518	N/A	

- NOMINAL:**
Indicative average value.
- DENSITY:**
Based on 90 % net bun yield.
- MAXIMUM OPERATING TEMPERATURE:**
Defined as the temperature which will typically cause an average linear shrinkage of no more than 2 % after a 1 hour exposure period. The percentage shrinkage of a sample, having the dimensions 100mm by 100mm by 10mm, with respect to its length, width and thicknesses is used to calculate the average linear shrinkage. The degree of shrinkage depends on the material type, density, temperature, exposure time, part dimensions and cell size. Other temperatures may prove to be limiting depending on the particular conditions of each application. The above quoted value will be deemed not applicable, if any deviation from the above mentioned sample dimensions are to occur.
- BURN RATE:**
A 10mm thick sample is used to determine the horizontal burn rate of the relevant material. The above quoted value will be deemed not applicable, if any deviation from the above mentioned sample dimensions are to occur. Test based on FMVSS302.
- SELF-EXTINGUISHING:**
The material will not combust for >20 seconds after ignition source has been removed.

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PERFORMANCE FOAMS



CAPE TOWN: Tel: (021) 959 9400, E-mail: SondorCPT@sondor.co.za · **DURBAN:** Tel: (031) 705 4220, E-mail: SondorDBN@sondor.co.za
JOHANNESBURG: Tel: (011) 452 4530, E-mail: SondorJHB@sondor.co.za · **PORT ELIZABETH:** Tel: (041) 486 2231, E-mail: SondorPE@sondor.co.za
PRETORIA: Tel: (012) 803 4471, E-mail: SondorPTA@sondor.co.za · **EXPORTS:** Tel: +27-21-959 5900, E-mail: SondorEXPORTS@sondor.co.za
HEAD OFFICE: Tel: (021) 959 5900, E-mail: SondorHO@sondor.co.za · **EAST LONDON AGENT:** Johnny Grant (043) 743 3067/68
GARDEN ROUTE AGENT: IMPI Wire (044) 802 7300