DATA SHEET: SVA 33 FRA

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	37	31 - 44 [2]
TENSILE STRENGTH:				
CD	kPa	ISO 1798	304	>226
MD	kPa	ISO 1798	293	>206
ELONGATION:				
CD	%	ISO 1798	357	>213
MD	%	ISO 1798	357	>212
COMPRESSION DEFLECTION:				
10 %	kPa	ISO 3386 / 1	19	9 - 29
25 %	kPa	ISO 3386 / 1	35	22 - 47
50 %	kPa	ISO 3386 / 1	83	61 - 104
COMPRESSION-SET:				
25 % 22 hr COMP / 30 min REC	%	ISO 1856	16	< 23
25 % 22 hr COMP / 24 hr REC	%	ISO 1856	7	< 20
50 % 22 hr COMP / 30 min REC	%	ISO 1856	36	< 40
50 % 22 hr COMP / 24 hr REC	%	ISO 1856	25	< 32
MAXIMUM OPERATING TEMPERATURE: [3]	°C	INTERNAL	50	N/A
BURN RATE: 10mm	mm / min	INTERNAL		SE [4]
SHORE HARDNESS:	00	INTERNAL	43	36 - 49

1. NOMINAL:
   Indicative average value.
2. DENSITY:
   Based on 90 % net bun yield.
3. 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.
4. SELF-EXTINGUISHING:
   The material will not combust for >20 seconds after ignition source has been removed.

PLEASE NOTE:
The above results are obtained based on the referenced test methods and are to be regarded as typical values which are not usually directly comparable with those of any product tested to other test methods, i.e.: DIN. Tests were conducted at ambient temperature and humidity unless otherwise stated.

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