DATA SHEET: SPVA 250 PROVISIONAL

SPVA is a closed cell, cross-linked expanded Ethylene Vinyl Acetate Polyethylene Blend foam, which is suitable for use in packaging, padding, buoyancy, gasketing and footwear components. The SPVA product range is free from CFC's and HCFC's.

PROPERTY	UNIT	TEST METHOD	RANGE
DENSITY:	kg / m^3	ISO 235	212 - 259[1]
TENSILE STRENGTH:			
CD	kPa	ISO 2183	>1641
MD	kPa	ISO 2311	>1700
ELONGATION:			
CD	%	ISO 234	>205
MD	%	ISO 264	>213
COMPRESSION DEFLECTION:			
10 %	kPa	ISO 328	197 - 460
25 %	kPa	ISO 395	274 - 515
50 %	kPa	ISO 633	426 - 841
COMPRESSION-SET:			
25 % 22 hr COMP / 30 min REC	%	ISO 1856	6
25 % 22 hr COMP / 24 hr REC	%	ISO 1856	3
50 % 22 hr COMP / 30 min REC	%	ISO 1856	12
50 % 22 hr COMP / 24 hr REC	%	ISO 1856	7
MAXIMUM OPERATING TEMPERATURE: [2]	°C	INTERNAL	70
SHORE HARDNESS:	A	50	42 - 57

1. DENSITY:
   Based on 90 % net bun yield.
2. 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.

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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