



AS Rubber & Plastics Limited

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Specification Sheet

AS.890 – P.V.C. FOAM - 90KGS/M³

COLOUR:	WHITE
DENSITY:	90KGS/M ³
WIDTH:	1000mm - 1400mm
THICKNESS (mm)	2,3,4,5,6,8,10,12,15,18,20
ROLL LENGTH:	From 25 to 100 Metres according to the thickness.
TEMPERATURE RANGE:	-30°C / + 70°C

Description

Result

N

Resistance to deformation under Compression (DIN 53576/B)

Crushing on initial thickness of 25%	69,7
Crushing on initial thickness of 40%	109,7
Crushing on initial thickness of 65%	301,0

Residual deformation after Compression (DIN 53572)

Room temperature, crushing 50%, 72 hours	
Residual deformation after 30 hours	7,9
Residual deformation after 4 hours	3,1
Residual deformation after 24 hours	1,1

Dimensional stability after heat treatment

4h at 60° C (Longitu.dir)	1,0
4h at 60° C (Transver.dir)	0,1
4h at -30° C (Longitu.dir)	0,6
4h at -30° C (Transver.dir)	0,6

Resistance to tensile strength / maximum extension (DIN 53571)
 And change in terms of dimensions of original sample and after different
 treatments / Ageing.

<u>Description</u>	<u>Tract</u> <u>N/mm2</u>	<u>Extens</u> <u>%</u>	<u>Average Dims VA</u> <u>%</u>
Original Sample	0,24	137	
Warm (60°C)	0,23	177	-1
Cold (-30°C)	0,28	131	-0,6
Ageing 24h in steam (hidrolisis 100°C DIN 53578)	0,24	157	-4
In mineral oil DIN 53428	0,48	66	+1
In alcohol DIN 53428	0,40	25	-11
In alkaline solution (NaCl 25%) DIN 53428	0,26	137	+1
In water DIN 53428	0,27	133	+2
In petrol (iso-octane) DIN 53428	0,57	38	-7
In concentrated acid solution (H2 SO4 40%) DIN 53428	0,26	137	+1
In concentrated alkaline solution (NaOH 40%) DIN 53428	0,27	135	+3
Flammability		FMVSS302	Self Extinguishing
		UV Resistant	

The material is RoHS compliant and meets European law U.E NR 2000/53/CE,
 NR.
 76/769/CEE, NR.2003/11/CE (WEEE).