

**Material Specification
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Soft Grade PVC Foam

Property	Result	
Roll Length	From 25 m to 100 m according to the thickness	
Thickness (mm)	2, 3, 4, 5, 6, 8, 10, 12, 15, 18, 20	
Width	1000mm – 1400mm	
Density	120 kg/m ³	
Colour	White / Grey / Brown / Black	
Test	Description	Result
Resistance to deformation under Compression (DIN 53576/B)	Crushing on initial thickness of 25%	69.7
Resistance to deformation under Compression (DIN 53576/B)	Crushing on initial thickness of 40%	109.7
Resistance to deformation under Compression (DIN 53576/B)	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 Compression (DIN 53572) – Room temperature, crushing 50% 72 hours	Residual deformation after 4 hours	3.1
Residual deformation after Compression (DIN 53572) – Room temperature, crushing 50% 72 hours	Residual deformation after 24 hours	1.1
Dimensional stability after heat treatment	4h at 60°C	1.0
Dimensional stability after heat treatment	4h at 60°C (Transver.dir)	0.1
Dimensional stability after heat treatment	4h at -30°C (Longitu.dir)	0.6
Dimensional stability after heat treatment	4h at -30°C (Transver.dir)	0.6
Resistance to tensile strength / maximum extension (DIN53571) And change in terms of dimensions of original sample and after different treatments / ageing.		
Description		
Original Sample		
Warm (60°C)		
Cold (-30°C)		
Ageing 24h in steam (hydrolysis 100°C DIN 53578)		
In mineral oil DIN 53428		
In alcohol DIN 53428		
In alkaline solution (NaCl 25%) DIN 53428		
In water DIN 53428		
In petrol (iso-octane) DIN 53428		
In concentrated acid solution (H ₂ SO ₄ 40%) DIN 53428		
In concentrated alkaline solution (NaOH 40%) DIN 53428		

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