



SPECIFICATION SHEET

Class 0 Nitrile PVC

PROPERTY	AVE VALUE	UNIT
ASTM D1056-14 Classification	2B1	
Compression Deflection @ 25%	5-20	kPa
Compression Deflection @ 50%	35-65	kPa
Compression Set 23°C / 22h / 50%	<= 25	%
Compression Set 40°C / 22h / 50%	<=40	%
Density	60 - 90	Kg/m ³
Shore Hardness	10-20	OO
Tensile Strength	>=100	kPA
Elongation	>=80	%
Tear Strength	>=0.2	kN/m
Temperature Range	- 50 / +85	°C
Linear Shrinkage (after 24h @ 70°C)	<=5	%
Dimensional Stability (after 3h @ 80°C)	<=5	%
Reduction Sound Absorption (ISO 354:2003)	Up to 0.8	
Thermal Conductivity @ 0°C	0.034	W/(m-k)
Thermal Conductivity @ +20°C	0.038	W/(m-k)
Thermal Conductivity @ +40 °C	0.038	W/(m-k)
Volume Water Absorption	0.2	%
Flame Rating – DIN 4102 B1	Z-23.14-1142	
Flame Rating – BS 476 Part 6 1989	Class O	
Flame Rating UL94-VO (>3.3mm)	Yellow Card No E475316	
Environmental Protection	CFC & HCFC FREE	
VDI 6022	Pass	

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Alanto Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.

We recommend evaluation prior to use to ascertain the suitability of the material for the application.

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