



## SPECIFICATION SHEET

### **S3VN4 Black Vinyl Nitrile Foam** Closed Cell Impact Absorbing Foam

<b>Desc.</b>	<b>Standard</b>	<b>Value</b>	<b>Unit</b>
Density	ASTM D3575	90-130	Kg/m <sup>3</sup>
Compression Deflection (25%)	ASTM D1056	100-140	kPa
Compression Deflection (50%)	ASTM D1056	110-170	kPa
Compression Set (25%/22h/23°C) – After 24hrs	ASTM D1056	1-3	%
Compression Set (50%/22h/23°C) – After 24hrs	ASTM D1056	3-5	%
Shrinkage (22h/70°C)	ASTM D573	3-7	%
Shore Hardness		53-63	00
Elongation	ASTM D412	120-160	%
Temperature Range (Constant)		-30 / +50	°C
Temperature Range (Intermittent)		+60	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-3	%
Tensile Strength	ASTM D412	1080-1300	kPa
Environmental Protection		CFC & HCFC FREE	

### Features

- *Excellent Shock Absorption*
- *High Dimensional Stability*
- *Good Flame Resistance*
- *High Compression Deflection*

*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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