

**Specification Sheet.****S3VN10a Grey Vinyl Nitrile Foam**

Closed Cell Impact Absorbing Foam

Desc.	Standard	Value	Unit
Density	ASTM D3575	125-175	Kg/m3
Compression Deflection (25%)	ASTM D1056	80-100	kPa
Compression Deflection (50%)	ASTM D1056	150-180	kPa
Compression Set (25%/22h/23°C) – After 24hrs	ASTM D1056	1-2	%
Compression Set (50%/22h/23°C) – After 24hrs	ASTM D1056	2-3	%
Shrinkage (22h/70°C)	ASTM D573	3-7	%
Shore Hardness		50-55	00
Elongation	ASTM D412	180-250	%
Temperature Range (Constant)		-30 / +60	°C
Temperature Range (Intermittent)		+70	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-3	%
Tensile Strength	ASTM D412	1350-1700	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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