

Expanded Neoprene / EPDM Sponge Rubber

Desc.	Standard	Value	Unit
ASTM D1056-14 Classification	2C2 B3 M		
Density	ASTM D3575	115-155	Kg/m ³
Compression Deflection (25%)	ASTM 1056	20-40	kPa
Compression Deflection (50%)	ASTM 1056	50-70	kPa
Compression Set (25%/22h/23°C) – After 24hrs	ASTM 1056	2-4	%
Compression Set (50%/22h/23°C) – After 24hrs	ASTM 1056	15-35	%
Shrinkage (22h/70°C)	ASTM D573	8-12	%
Shore Hardness		40-45	OO
Elongation	ASTM D412	180-220	%
Temperature Range (Constant)		-40 / +75	°C
Temperature Range (Intermittent)		+90	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-3	%
Tensile Strength	ASTM D412	480-530	kPa
Flame Resistance (>3mm)	UL94HF1	Pass	
Environmental Protection		CFC & HCFC FREE	

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.