



SPECIFICATION SHEET

DK1075 FR Expanded EPDM Sponge Rubber

Desc.	Standard	Value	Unit
ASTM D1056-14 Classification	2A1 B3 C M		
Density	ASTM D3575	75-105	Kg/m ³
Compression Deflection (25%)	ASTM D1056	30-40	kPa
Compression Deflection (50%)	ASTM D1056	65-75	kPa
Compression Set (25%/22h/23°C) – After 24hr	ASTM D1056	15-25	%
Compression Set (50%/22h/23°C) – After 24hr	ASTM D1056	35-45	%
Shrinkage (22h/70°C)	ASTM D573	7-11	%
Shore Hardness		30-40	OO
Elongation	ASTM D412	180-240	%
Temperature Range (Constant)		-30 / +60	°C
Temperature Range (Intermittent)		+80	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-2	%
Tensile Strength	ASTM D412	350-450	kPa
Flame Resistance (>3mm)	FMVSS302	Pass	
Flame Resistance (>3mm)	UL94 HF-1	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.

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