



EVA Foam Spec Sheet

PHYSICAL PROPERTIES		ASTM METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density- Nominal		D3575-Suffix W	Lb/ft ³	2	Kg/m ³	32
Tensile Strength		D3575-Suffix T	PSI	53.9	kPa	372
Tear Strength		D3575-Suffix G	Lbf/in	12.9	N/mm	2.26
Elongation at Break		D3575- Suffix T	%	345	%	345
Shore Hardness		ASTM D2240	00	48	00	48
Compression Deflection	25%	D3575-Suffix D	PSI	6.8	kPa	47
	50%		PSI			106
Compression Set	25%, ½ hr	D3575-Suffix B	% (max)	Pending	% (max)	Pending
	25%, 24hr			Pending		Pending
	50%, ½ hr			40		40
	50%, 24hr			13		13
Working Temperature Range		Internal	°F	-76/194	°C	-60/90
Water Absorption, 7 days		Internal	% Vol (max)	1	% Vol (max)	1
Thermal Conductivity, 176°F (80°C)		ASTM C177	BTU-in/hr-ft ² -°F	Pending	W/m-K	Pending
Flammability, >1/4"		FMVSS302	4"/min	PASS	100mm/min	PASS
Thermal Stability, 24hrs at 158°F (70°C)		D3575-Suffix S	%	2	%	2

Data represents typical values and should be considered as a guideline only.

Imperial data is converted from the metric results measured by testing according to ASTM standards.