



Developer & Manufacturer of Engineered Foams

Xcellite™ 3996.1 Typical Data Sheet

Engineered Foam Description Super soft, semi-closed cellular rubber
 Polymer EPDM
 Standard Color Black (Please call for optional colors)
 ASTM D1056 Classification 1A0/2A0 Z1=7 kPa max (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	56 - 144	kg/m ³	ASTM D1056
	3.5 - 9.0	lbs/ft ³	
Compression Deflection,25%	7 max.	kPa	ASTM D1056-07
	1 max.	psi	
Compression Set, 50% RT	10	%	ASTM D1056
Tensile	150	kPa	ASTM D1056
	22	psi	
Elongation	200	%	ASTM D1056
Water Absorption* * tested per 43.1 added skin clause	10 max.	%	ASTM D1056
Flammability, burn rate	100 max.	mm/min.	FMVSS 302
	4 max.	in./min.	
Temperature Use: Hot ¹	148 / 300	°C / °F	
: Cold	-54 / -65	°C / °F	ASTM D1056
Gauge ^{2,3} skin two sides	3 and above	mm	ASTM D1056
	0.118 and above	in.	

NOTE:

- 1 - For intermittent exposure only
- 2 - **Please contact customer service 574.284.1000 for additional sizes including widths, skin one side and no skin surfaces.**
- 3 - RMA Class 3 surfaces

For reference:

TSK6505G Class2A

SAE J18 1A0/2A0 Z1=7kPa max

WSB-M3G212-A with deviations

For details or information on additional standards please contact customer service.

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