



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	2A0 Z1=7 kPa max (optional suffixes can be added)
ISO 6916-1 Classification	Note: No 2A0 classification exists

Physical Property	Target	Units	Test Method
Density	56 - 144	kg/m ³	ASTM D1056/ISO 845
	3.5 - 9.0	lbs/ft ³	
Compression Deflection, 25%	7 max.	kPa	ASTM D1056/ ISO 6919-1
	1 max.	psi	
Compression Set, 50% RT	10	%	ASTM D1056/ISO 6916-1
Tensile, ASTM Die A	150	kPa	ASTM D1056/ISO 1798
	22	psi	
Elongation, ASTM Die A	200	%	ASTM D1056/ISO 1798
Water Absorption* * tested per ASTM D1056 43.1/ISO 6916-1 Note 5 added skin clause	10 max.	%	ASTM D1056/ISO 6916-1
Flammability, burn rate	100 max.	mm/min.	FMVSS 302/ISO 3795
	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
- 4 - ISO Test Methods listed are similar but not always equivalent to the ASTM method.
For specific details, refer to each property test within each test method.
For Reference:
TSK6505G Class2A
SAE J18 1A0 Z1=7kPa max
WSB-M3G212-A with deviations
For details or information on additional standards please contact customer service.

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