



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 <sup>3</sup>	ASTM D1056/ISO 845
	3.5 - 9.0	lbs/ft <sup>3</sup>	
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 <sup>1</sup>	148 / 300	°C / °F	
: Cold	-54 / -65	°C / °F	ASTM D1056
Gauge <sup>2, 3</sup> 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.*

*The technical service information presented on this Typical Data Sheet has been derived from data using standardized test methods/practices. Fostek Corp. does not control the end use/modification of its products and therefore does not represent or warrant its products to be suitable for any specific end use. Fostek recommends that its material be tested for fitness of use and safety in the manner in which it may be utilized.*



☎: 618-282-7700  
 ✉: sales@seconrubber.com  
 🌐: www.seconrubber.com