QS Form #93 9/16/14

fostek

Developer & Manufacturer of Engineered Foams

Xcellite™ 3996.4
Typical Data Sheet

Engineered Foam Description	Super ultra soft, semi-closed cellular rubber
Polymer	EPDM
Standard Color	Black (Please call for optional colors)
ASTM D1056 Classification	1A0 Z1=2 kPa max at 50% compression Deflection (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	56 - 112	kg/m^3	ASTM D1056
	3.5 - 7.0	lbs/ft^3	
Compression Deflection, **25%**	2 max.	kPa	ASTM D1056
	0.3 max.	psi	
Compression Deflection, **50%**	2 max.	kPa	ASTM D1056
	0.3 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	6 and above	mm	ASTM D1056
	0.236 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:
SAE J18 1A0
For details or information on additional standards please contact customer service.

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