



Developer & Manufacturer of Engineered Foams

Xcellite™ 3990 Tentative Typical Data Sheet

Engineered Foam Description Ultra soft, semi-closed cellular rubber
 Polymer PVC/NBR (Polyvinyl Chloride/Acrylonitrile Butadiene)
 Standard Color Black (Please call for optional colors)

ASTM D1056 Classification 1B0 Z1=2.8kPa max (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	56 - 128	kg/m ³	ASTM D1056
	3.5 - 8	lbs/ft ³	
Compression Deflection,25%	2.8 max.	kPa	ASTM D1056-07
	0.4 max.	psi	
Compression Set, 50% RT	10	%	ASTM D1056
Tensile	172	kPa	ASTM D1056
	25	psi	
Elongation	125	%	ASTM D1056
Water Absorption* * tested per 42.1 added skin clause	10 max.	%	ASTM D1056
Flammability, burn rate	100 max.	mm/min.	FMVSS 302
	4 max.	in./min.	
Temperature Use: Hot ¹	93 / 200	°C / °F	
: Cold	-40 / -40	°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:

MS-AY522 - Type 1
 SAE J18 1B0 Z1=2.8 kPa max

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

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