

TYPICAL PROPERTIES OF CLOSED CELL SILICONE SPONGE

POLYMER: SILOXANE

TYPICAL/PHYSICAL PROPERTIES	UNIT OF MEASURE	TEST METHOD	DENSITY		
			SOFT	MEDIUM	FIRM
SURFACE SKIN			FINE FABRIC FINISH		
COLOR			RED Also available Black, White, Gray		
DENSITY: UNDER 1/4" THICK	lbs/cu in	ASTM D1056	0.020	0.025	0.030
OVER 1/4" THICK	lbs/cu in	ASTM D1056	0.025	0.018	0.025
COMPRESSION DEFLECTION	PSI	ASTM D575	7	11	17
COMPRESSION SET, 22 HRS @212°F	%	ASTM D395	29	29	25
TENSILE STRENGTH	PSI	ASTM D412	90	100	200
ELONGATION	%	ASTM D412	150	200	225
MAXIMUM WATER ABSORPTION	%	ASTM D471	5	5	5
SERVICE TEMPERATURE RANGE	°F	ASTM D573	-103 TO +450		
THERMAL CONDUCTIVITY	BTU IN./HR. SQ FT °F	ASTM F433	0.6	0.6	0.6
AVAILABLE THICKNESSES			1/32, 1/16, 3/32, 1/8, 1/4, 5/16 3/8, 1/2, 5/8, 3/4		
ADDITIONAL SPECIFICATIONS			AMS3195, MIL-R-46089, ASTM-D1056 MIL-R-6130, MIL-STD 670 TE12		

This information is furnished as a guide for selecting materials. Manufacturer disclaims liability for results or use of this information.

It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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