

TYPICAL PROPERTIES OF OPEN CELL FDA SILICONE SPONGE

POLYMER: SILOXANE

FDA compliant ingredients 21 CFR 177.2600

TYPICAL/PHYSICAL PROPERTIES	UNIT OF MEASURE	TEST METHOD	RESULT
SURFACE SKIN			SMOOTH
COLOR			WHITE Other colors also available
DENSITY	lbs/cu ft	ASTM D3574	12
COMPRESSION DEFLECTION	PSI	ASTM D1056	6 - 14
COMPRESSION SET, 22 HRS @212°F	%	ASTM D395	9
TENSILE STRENGTH	PSI	ASTM D3574	10
ELONGATION	%	ASTM D3574	110
MAXIMUM WATER ABSORPTION	%	ASTM D471	5
SERVICE TEMPERATURE RANGE	°F		-100 TO +400
THERMAL CONDUCTIVITY	BTU IN./HR. SQ FT °F	ASTM C518	0.44
FLAMMABILITY:			
SMOKE GENERATION			DS AT 4 MINUTES 45 AVG
NON-FLAMING MODE		AITM 2.0007B	DS AT 4 MINUTES 65 AVG
NON-FLAMING MODE		ASTM E662	DS AT 4 MINUTES 65 AVG
UL94-V0	SECONDS		40
AVAILABLE THICKNESSES			1/16, 1/8, 1/4, 3/8, 1/2

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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