

## KUSHON<sup>®</sup> Sponge

### 6113

#### Typical Physical Properties

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
<b>Specific Volume, in<sup>3</sup>/lb, (Tolerance,%)</b>	AMS 3197	See table ( <b>± 10</b> )
<b>Thickness, inches, (Tolerance)</b>	ASTM D1056	To 0.125 ( <b>± 0.015</b> ) 0.125 - 0.500 ( <b>± 0.031</b> ) Over 0.500 ( <b>± 0.047</b> )
<b>Standard Color</b>		Black
<b>Polymer</b>		Neoprene
<b>Compression Force Deflection, psi</b>	ASTM D1056 25% compression	1 - 4
<b>Compression Set, % max.</b>	ASTM D395 50% compression, 22 hr at 158°F	40
<b>Dry Heat Resistance, %</b>	ASTM D573 Change in compression deflection 22 hr at 212°F	-5 to +30
	ASTM D573 Change in specific volume 22 hr at 212°F	-10 to +10
<b>Hydrogen Ion Concentration (pH)</b>	AMS 3197	6.0 - 8.0
<b>Bend</b>		No Cracking/No Checking

Target		Target		Target	
Gauge	Sp. Vol.	Gauge	Sp. Vol.	Gauge	Sp. Vol.
0.062	36	0.250	58	0.625	70
0.094	42	0.312	61	0.750	73
0.125	48	0.375	63	0.875	77
0.188	55	0.500	66	1.000	80

Material meets: Aerospace Material Specification (AMS) 3197

**NOTE:** Information of a technical nature is based on laboratory tests which either GRISWOLD LLC conducts or sends to an independent laboratory for testing for determination of uses as requested in writing by customer. GRISWOLD LLC believes these to be reliable. However, GRISWOLD LLC has no control over the application of the material to, or part of, the final **product** and **therefore**, GRISWOLD LLC makes **no express or implied warranty of result, fitness or merchantability**. The customer should determine reliability for the end use or particular application.

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