

## KUSHON<sup>®</sup> Sponge

### 6133

#### Typical Physical Properties

PROPERTY	TEST METHOD	VALUE
<b>Specific Volume, in<sup>3</sup>/lb, (Tolerance, %)</b>	AMS 3198	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	6 - 13
<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 3198	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	34	0.250	47	0.625	59
0.094	40	0.312	49	0.750	63
0.125	42	0.375	51	0.875	66
0.188	45	0.500	55	1.000	70

Material meets: Aerospace Material Specification (AMS) 3198

**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.

06/07/2017 JMD