



6113

Neoprene Rubber

Typical Physical Properties

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

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

Meets Aerospace Material Specification AMS3197

NOTES: Information of a technical nature is based on laboratory tests which either GRISWOLD PRODUCTS LLC conducts or sends to an independent laboratory for testing for determination of uses as requested in writing by customer. GRISWOLD PRODUCTS LLC believes these to be reliable. However, GRISWOLD PRODUCTS LLC has no control over the application of the material to, or part of, the final **product** and **therefore**, GRISWOLD PRODUCTS 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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