

KUSHON[®] Sponge

6113

Typical Physical Properties

| PROPERTY | TEST METHOD | VALUE |
|---|---|---|
| Specific Volume, in³/lb, (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 Force Deflection, psi | ASTM D1056 25% compression | 1 - 4 |
| Compression Set, % max. | ASTM D395 50% compression, 22 hr at 158°F | 40 |
| Dry Heat Resistance, % | 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 |
| Hydrogen Ion Concentration (pH) | AMS 3197 | 6.0 - 8.0 |
| Bend | - | 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.

05/17/2018 JL

Page 1 of 1