

6113Neoprene Rubber

Typical Physical Properties

| PROPERTY | TEST METHOD | SPECIFICATION | |
|---|--|---|--|
| Specific Volume, lb/ft³ (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 Posistones 9/ | ASTM D573 Change in Compression Deflection 22 hrs at 212°F | -5 to +30 | |
| Dry Heat Resistance, % | 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 | | |
|--------|-----|----------|-------|----------|-------|----------|-------|----------|
| Ga | uge | Sp. Vol. | Gauge | Sp. Vol. | Gauge | Sp. Vol. | Gauge | Sp. Vol. |
| 0.0 | 062 | 36 | 0.188 | 55 | 0.375 | 63 | 0.750 | 73 |
| 0.0 | 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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