

SUBMITTAL SHEET (effective 4/21/15)

Polymer Base: Neoprene (CR Based)
F-02043 (Black)

| Physical Properties | Unit | Test Method | Typical Results |
|--|--------------------|--------------------|-----------------|
| Density | g/cm ³ | ASTM D 1056 | 0.304 ± 0.064 |
| | lb/ft ³ | ASTM D 1056 | 19 ± 4 |
| Hardness, Durometer Shore 00 | | ASTM D 2240 | 60 ± 10 |
| Compression Deflection (25%) | kPa | ASTM D 1056 | 76 ± 14 |
| | psi | ASTM D 1056 | 11 ± 2 |
| Compression Set | % | ASTM D 1056 | ≤ 25% |
| Tensile Strength | kPa | ASTM D 412 (Die A) | 1030 |
| | psi | ASTM D 412 (Die A) | 150 |
| Tear Strength | kN/m | ASTM D 624 (Die C) | 6.1 |
| | lb/in | ASTM D 624 (Die C) | 35 |
| Elongation | % | ASTM D 412 (Die A) | 175% |
| Resilience | % | ASTM D 2632 | 45% |
| Service Temperature | | | |
| Low | °F | ASTM D 746 | -40 |
| High Continuous | °F | ASTM D 746 | 150 |
| High Intermittent | °F | ASTM D 746 | 200 |
| Water Absorption | | | |
| Maximum Weight Change | % | ASTM D 1056 | ≤5% |
| Fluid Immersion (7 days at 23 °C [73.4 °F]) | | | |
| ASTM Ref. Fuel B, Weight Change (%) | % | ASTM D 1056 | ≤150% |
| Accelerated Aging (7 days at 70 °C [158 °F]) | | | |
| Flexibility (180° bend without cracking) | | ASTM D 1056 | Pass |
| Appearance change | | ASTM D 1056 | None |
| Change in Compression Deflection | % | ASTM D 1056 | ± 30% |
| Combustion Characteristics | | FMVSS-302 | Pass |

ASTM D 1056-14 designation: 2A3 / **2C3**
 SAE J 18 APR2002 designation: 2A3 / **2C3**
 ASTM D 6576-13: **II B Medium**



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