

## Typical Properties of **C43NBR**

| Polymer                       | Nitrile Butadiene Rubber |                   |                         |
|-------------------------------|--------------------------|-------------------|-------------------------|
| ASTM D1056 Classification     | 2B3                      |                   |                         |
| ASTM D1056 Suffix Compliances | B2, F1, M                |                   |                         |
| Physical Property             | Test Method              | Result (US Units) | Result (Metric Units)   |
| Density                       | ASTM D1056               | 10 pcf            | 160.2 kg/m <sup>3</sup> |
| Compression Deflection 25%    | ASTM D1056               | 9 – 13 psi        | 62.1 – 89.6 kPa         |
| Compression Set 50%           | ASTM D1056               | 25% Max           | 25% Max                 |
| Water Absorption              | ASTM D1056               | 5% Max            | 5% Max                  |
| Tensile Strength              | ASTM D412                | 110 psi Min       | 758.4 kPa Min           |
| Elongation                    | ASTM D412                | 175 % Min         | 175 % Min               |
| CD after Oven Aging           | ASTM D1056               | 30% Max           | 30% Max                 |
| Fluid Immersion               | ASTM D1056               | 50% Max           | 50% max                 |
| Flammability                  | FMVSS-302                | Pass              |                         |
| Service Temperature           | -40 to 250 F             |                   |                         |

Contact customer service for specification inquiries.

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