



VITON 75 (DuPont)

Viton® Genuine DuPont Polymer
Bisphenol Cured

Standard Colour: **Black**

Service temperature: -20°C to +200°C

Agency listed: UL listed file JMLU2.MH47115

ASTM D2000 M6HK710 A1-10 B38 EF31 E078 Z1 Z2

| Physical properties | Unit | Test method | Requirement | Test result |
|--|-------------------|-------------------------|----------------------|-------------|
| Hardness shore | A | D2240-15 | 75± 5 | 78 |
| Tensile strength | MPa | D412-16 | 10 (min) | 13.90 |
| Elongation | % | D412-16 | 175 (min) | 210 |
| Modulus 100% | MPa | D412-16 | | 6.09 |
| Density | Mg/m ³ | CNS 5341-96 method A | | 1.84 |
| Heat ageing, 70hrs at 250°C | | | | |
| Hardness change points | points | D573 | +10 (max) | 0 |
| Tensile strength change | % | D573 | -25 (max) | -7 |
| Elongation change | % | D573 | -25 (max) | -13 |
| Weight change | % | D573 | | -1.7 |
| Compression set, method B | | | | |
| 22hrs at 200°C % | % | D395 | 15% (piled) (max) | 13.4 |
| Fuel resistance, ASTM Fuel C, 70hrs at 23°C | | | | |
| Hardness change | points | D471 | ±5 | -2 |
| Tensile strength change | % | D471 | -25 (max) | -11 |
| Elongation change | % | D471 | -20 (max) | -5 |
| Volume change | % | D471 | 0/+10 | +3 |
| ASTM Oil 101, 70hrs at 200°C | | | | |
| Hardness change | points | D471 | -15/+5 | -7 |
| Tensile strength change | % | D471 | -40 (max) | -5 |
| Elongation change | % | D471 | -20 (max) | 0 |
| Volume change | % | D471 | 0/+15 | +9.4 |

The results displayed in this data sheet were obtained on standard test specimens following standard test procedures. Comparisons with results obtained on finished products, e.g. O-Rings, could lead to other results due to differences in geometry and manufacturing processes. These other results do therefore not automatically contravene the data of this sheet. The evaluation of parts prior to their use in order to ensure their suitability for the intended application is subject to the end user's responsibility.