

70 DUROMETER NEOPRENE**RM170864**

| Properties of ASTM C-864-99 | Required Value | Typical Value | ASTM Test Method |
|---|---------------------------|--------------------------|-----------------------------|
| Hardness, Shore A | 65-75 | 74 | D2240 |
| Compression set, 22 h @ 100 C, max. % | 30 | 10.5 | D395 |
| Ozone resistance, 100 MPa, 100h@40C, 20% elongation | No cracks | No cracks | D 1149 |
| Tensile strength, MPa (psi) | (1800) | (1963) | D 412 Die C |
| Elongation @ rupture, min. % | 200 | 257 | D412 Die C |
| Heat aging, 70 h @ 100 C: | | | |
| Hardness increase, max. d | 10 | +3 | D573 |
| Change in tensile strength, | 15 | -3.9% | D573 |
| Change in elongation, max. | 40 | -11.6% | D573 |
| Tear strength, min. kN/m, (lbf/in) | (100) | (115) | D 624 Die C |
| Brittleness temperature, 3 minutes @ -40 C | No cracks | No cracks | D746 |
| Nonstaining | No migratory stain | No migratory stain | D925 |
| Flame propagation: | | | |
| Option II | No limit | No limit | C1166 |

