

70 DUROMETER EPDM**RM270865**

| Properties of ASTM C 864-05 | Required Value | Typical Value | ASTM Test Method |
|--|-----------------------|----------------------|-------------------------|
| Hardness, Shore A | 65-75 | 72 | D 2240 |
| Compression set, 22 h @ 100 C, max % | 30 | 13.7 | D 395 |
| Ozone resistance, 100 Mpa, 100 h @40 C, 20% elongation | No Cracks | No Cracks | D 1149 |
| Tensile strength, Mpa (psi) | 12.4(1800) | -1840 | D 412 Die C |
| Elongation @ rupture, min. % | 200 | 321 | D 412 Die C |
| Heat aging, 70 h @ 100 C: | | | |
| Hardness increase, max. d | 10 | 0 | D 573 |
| Change in tensile strength, | 15 | -4 | D 573 |
| Change in elongation, max. | 40 | 0 | D 573 |
| Tear strength, min. kN/m, (lbf/in) | 17.5(100) | -178.3 | D 624 Die C |
| Brittleness temperature, 3 minutes @ -40 C | No Cracks | No Cracks | D 746 |
| Nonstaining | No migratory stain | No migratory stain | D925 |
| Flame propagation: Option II | No limit | No limit | C 1166 |