



EUROPE SEALS BV Test Report

Material: FPM 75 Brown (Dupont Viton)

Compound No.: VI759018

Specification: ASTM D2000 M2HK810 A1-10 B38 EF31EO78 Z1=75+/-5 Duro

| Original Properties: | Required | Result | Test Method |
|--|----------|--------|-------------|
| Hardness Change, pts, Short A | 75±5 | 78 | |
| Tensile Strength, Min, psi | 1450 | 1750 | |
| Elongation, Min, % | 150 | 160 | |
| Specific Gravity | | 1.985 | |
| A1-10 Heat Resistance: 70 H @ 250 °C | | | |
| Change in Hardness, Max, pts | +10 | +4 | |
| Change in Tensile Strength, Max, % | -25 | + 2 | |
| Change in Ultimate Elongation, Max, % | -25 | -16 | |
| B38 Compression Set: 22 H @ 200 °C | | | |
| | 50 | 15 | |
| EF31 Fuel C Resistance: 70 H @ 23°C | | | |
| Change in Hardness, Max, pts | +/-5 | - 3 | |
| Change in Tensile Strength, Max, % | -25 | -18 | |
| Change in Ultimate Elongation, Max, % | -20 | -13 | |
| Change in Volume, Max, % | 0~+10 | + 4 | |
| EO78 #101 Oil Resistance: 70 H @ 200°C | | | |
| Change in Hardness, Max, pts | -15 ~+5 | -10 | |
| Change in Tensile Strength, Max, % | -40 | -20 | |
| Change in Ultimate Elongation, Max, % | -20 | -14 | |
| Change in Volume, Max, % | 0 ~+15 | +12 | |

Please note the above test results are obtained from test slabs/buttons, the results on actual part will be different.

2004-12-31/gf