

The Manufacturer of Sealing Parts

TEST REPORT

MATERIAL : NBR 70 DURO FDA BLACK

COMPOUND NO: N7011B

| Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h) | Requirement | Test result |
|---|-------------|-------------|
| Hardness, Point 硬度(邵A) | 65.00~75.00 | 72.00 |
| Tensile Strength, min, Mpa 拉力強度 | 14.00 | 15.10 |
| Ultimate Elongation, min, % 延伸率 | 250.00 | 416.00 |
| Specific Gravity, 比重 | | 1.21 |
| Heat Resistance 70h@100°C 老化試驗 | | |
| Change in hardness, max, Point 硬度變化(邵A) | ±15.00 | +2.00 |
| Change in tensile strength, max, % 拉伸強度變化率 | ±30.00 | +10.00 |
| Change in ultimate elongation, max, % 扯斷伸長率變化率 | -50.00 | -12.00 |
| Compression Set 22h@100°C 壓縮永久變形試驗 | | |
| Compression set, Method B, max, % 壓縮永久變形 | 25.00 | 10.00 |
| Fluid Resistance No.1 Oil Resistance 70h@100°C 1號油試驗 | | |
| Change in hardness, Point 硬度變化 | -5.00~10.00 | +3.00 |
| Change in tensile strength, max, % 拉力強度變化率 | -25.00 | +14.00 |
| Change in ultimate elongation, max, % 延伸率變化率 | -45.00 | +4.00 |
| Change in volume, % 體積變化率 | -10.00~5.00 | -6.00 |
| Fluid Resistance No.3 Oil Resistance 70h@100°C 3號油試驗 | | |
| Change in hardness, Point 硬度變化 | -10.00~5.00 | -10.00 |
| Change in tensile strength, max, % 拉力強度變化率 | -45.00 | +2.00 |
| Change in ultimate elongation, max, % 延伸率變化率 | -45.00 | -13.00 |
| Change in volume, % 體積變化率 | 0.00~25.00 | +14.00 |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
 THIS COMPOUND N7011B CAN MEET ASMT 2000 M2BG714A14B14EQ14EO34

