

**TEST REPORT**

MATERIAL : NBR 70 DURO BLACK

COMPOUND NO: N7001B

| Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h) | Requirement | Test result |
|-----------------------------------------------------------------|-------------|-------------|
| Hardness, Point 邵A                                              | 65.00~75.00 | 69.00       |
| Tensile Strength, min, Mpa 拉力強度                                 | 14.00       | 17.30       |
| Ultimate Elongation, min, % 延伸率                                 | 250.00      | 408.00      |
| 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)        | 0.00~10.00 | +5.00  |
| Change in tensile strength, max, % 拉伸強度變化率     | -15.00     | +6.00  |
| Change in ultimate elongation, max, % 扯斷伸長率變化率 | -35.00     | -14.00 |

**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               | -3.00~7.00 | +3.00  |
| Change in tensile strength, max, % 拉力強度變化率   | -25.00     | +16.00 |
| Change in ultimate elongation, max, % 延伸率變化率 | -45.00     | -13.00 |
| Change in volume, % 體積變化率                    | -8.00~5.00 | -7.00  |

**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 | -9.00  |
| Change in tensile strength, max, % 拉力強度變化率   | -45.00      | +0.00  |
| Change in ultimate elongation, max, % 延伸率變化率 | -45.00      | -13.00 |
| Change in volume, % 體積變化率                    | 0.00~18.00  | +10.00 |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND N7001B CAN MEET ASTM 2000 AND HG/T 2579-2008(XI7445)  
M2BG714A14B14EO14EO34

