

## TEST REPORT

MATERIAL : NBR 70 DURO WHITE

COMPOUND NO: N7001W

| Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h) | Requirement | Test result |
|-----------------------------------------------------------------|-------------|-------------|
| Hardness, Point 硬度(邵A)                                          | 65.00~75.00 | 71.00       |
| Tensile Strength, min, Mpa 拉力強度                                 | 10.00       | 16.00       |
| Ultimate Elongation, min, % 延伸率                                 | 250.00      | 472.00      |
| Specific Gravity, 比重                                            |             | 1.43        |

### Heat Resistance 70h@100°C 老化試驗

|                                                |        |        |
|------------------------------------------------|--------|--------|
| Change in hardness, max, Point 硬度變化(邵A)        | +15.00 | +1.00  |
| Change in tensile strength, max, % 拉伸強度變化率     | -20.00 | -6.00  |
| Change in ultimate elongation, max, % 扯斷伸長率變化率 | -40.00 | -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 | 22.00 |
|------------------------------------------|-------|-------|

### Fluid Resistance No.1 Oil Resistance 70h@100°C 1號油試驗

|                                              |             |        |
|----------------------------------------------|-------------|--------|
| Change in hardness, Point 硬度變化               | -5.00~15.00 | -1.00  |
| Change in tensile strength, max, % 拉力強度變化率   | -25.00      | +9.00  |
| Change in ultimate elongation, max, % 延伸率變化率 | -45.00      | -10.00 |
| Change in volume, % 體積變化率                    | -10.00~5.00 | -3.00  |

### Fluid Resistance No.3 Oil Resistance 70h@100°C 3號油試驗

|                                              |             |        |
|----------------------------------------------|-------------|--------|
| Change in hardness, Point 硬度變化               | -15.00~0.00 | -10.00 |
| Change in tensile strength, max, % 拉力強度變化率   | -45.00      | -1.00  |
| Change in ultimate elongation, max, % 延伸率變化率 | -45.00      | -8.00  |
| Change in volume, % 體積變化率                    | 0.00~35.00  | +9.00  |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND N7001W CAN MEET ASTM 2000 M5BG710A14B14EO14EO34