

The Manufacturer of Sealing Parts

## TEST REPORT

MATERIAL : SIL 70 DURO CLEAR

COMPOUND NO: S7001C

| Physical Properties (Press Cure:170°CX10min Post Cure:200°CX4h) | Requirement | Test result |
|---|-------------|-------------|
| Hardness, Point 硬度(邵A)  | 65.00~75.00 | 70.00       |
| Tensile Strength, min, Mpa 拉力強度                                 | 6.00        | 8.10        |
| Ultimate Elongation, min, % 延伸率                                 | 150.00      | 219.00      |
| Specific Gravity, 比重  |             | 1.20        |
| <b>Heat Resistance 70h@225°C 老化試驗</b>                           |             |             |
| Change in hardness, max, Point 硬度變化(邵A)                         | +10.00      | +2.00       |
| Change in tensile strength, max, % 拉伸強度變化率                      | -25.00      | +0.00       |
| Change in ultimate elongation, max, % 扯斷伸長率變化率                  | -45.00      | +0.00       |
| <b>Compression Set 22h@175°C 壓縮永久變形試驗</b>                       |             |             |
| Compression set, Method B, max, % 壓縮永久變形                        | 25.00       | 16.00       |
| <b>Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗</b>     |             |             |
| Change in hardness, Point 硬度變化                                  | -15.00~0.00 | +0.00       |
| Change in tensile strength, max, % 拉力強度變化率                      | -20.00      | +0.00       |
| Change in ultimate elongation, max, % 延伸率變化率                    | -20.00      | +0.00       |
| Change in volume, % 體積變化率                                       | 0.00~15.00  | +5.00       |
| <b>Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗</b>     |             |             |
| Change in hardness, Point 硬度變化                                  | -30.00      | +0.00       |
| Change in volume, % 體積變化率                                       | +60.00      | +41.00      |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
 THIS COMPOUND S7001C CAN MEET ASTM 2000 M5GE706A19B37EO16EO36

