

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 | 67.00 |
| Tensile Strength, min, Mpa 拉力強度 | 6.00 | 8.70 |
| Ultimate Elongation, min, % 延伸率 | 150.00 | 245.00 |
| Specific Gravity, 比重 | | 1.18 |
| Heat Resistance 70h@225°C 老化試驗 | | |
| Change in hardness, max, Point 硬度變化(邵A) | +10.00 | +0.00 |
| Change in tensile strength, max, % 拉伸強度變化率 | -25.00 | -17.00 |
| Change in ultimate elongation, max, % 扯斷伸長率變化率 | -45.00 | -12.00 |
| Compression Set 22h@175°C 壓縮永久變形試驗 | | |
| Compression set, Method B, max, % 壓縮永久變形 | 25.00 | 14.00 |
| Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗 | | |
| Change in hardness, Point 硬度變化 | -15.00~0.00 | -6.00 |
| Change in tensile strength, max, % 拉力強度變化率 | -20.00 | -18.00 |
| Change in ultimate elongation, max, % 延伸率變化率 | -20.00 | -14.00 |
| Change in volume, % 體積變化率 | 0.00~15.00 | +5.00 |
| Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗 | | |
| Change in hardness, Point 硬度變化 | -30.00 | -23.00 |
| 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

