



The Manufacturer of Sealing Parts

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## TEST REPORT

MATERIAL : FSIL 70 DURO BLUE

COMPOUND NO: F7001U

| Physical Properties (Press Cure:170°CX10min Post Cure:200°CX4h) | Requirement | Test result |
|-----------------------------------------------------------------|-------------|-------------|
| Hardness, Point 硬度(邵A)                                          | 65.00~75.00 | 71.00       |
| Tensile Strength, min, Mpa 拉力強度                                 | 6.00        | 9.20        |
| Ultimate Elongation, min, % 延伸率                                 | 150.00      | 283.00      |
| Specific Gravity, 比重                                            |             | 1.49        |
| Heat Resistance 70h@225°C 老化試驗                                  |             |             |
| Change in hardness, max, Point 硬度變化(邵A)                         | +15.00      | +4.00       |
| Change in tensile strength, max, % 拉伸強度變化率                      | -45.00      | -25.00      |
| Change in ultimate elongation, max, % 扯斷伸長率變化率                  | -45.00      | -17.00      |
| Compression Set 22h@175°C 壓縮永久變形試驗                              |             |             |
| Compression set, Method B, max, % 壓縮永久變形                        |             | 8.00        |
| Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗            |             |             |
| Change in hardness, Point 硬度變化                                  | -10.00~0.00 | +0.00       |
| Change in tensile strength, max, % 拉力強度變化率                      | -35.00      | -14.00      |
| Change in ultimate elongation, max, % 延伸率變化率                    | -30.00      | -12.00      |
| Change in volume, % 體積變化率                                       | 0.00~10.00  | +3.00       |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND F7001U CAN MEET ASTM 2000 M2FK706A19B17EO36