

## TEST REPORT

MATERIAL : SIL 60 DURO RED

COMPOUND NO: S6001R

| Physical Properties (Press Cure:170°CX10min Post Cure:200°CX4h) | Requirement | Test result |
|-----------------------------------------------------------------|-------------|-------------|
| Hardness, Point 硬度(邵A)                                          | 55.00~65.00 | 63.00       |
| Tensile Strength, min, Mpa 拉力強度                                 | 6.00        | 7.20        |
| Ultimate Elongation, min, % 延伸率                                 | 200.00      | 254.00      |
| Specific Gravity, 比重                                            |             | 1.21        |
| Heat Resistance 70h@225°C 老化試驗                                  |             |             |
| 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      | -4.00       |
| Change in ultimate elongation, max, % 扯斷伸長率變化率                  | -45         | -31.00      |
| 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       | 13.00       |
| 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 | -7.00       |
| 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                                       | 0.00~10.00  | +7.00       |
| Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗            |             |             |
| Change in hardness, Point 硬度變化                                  | -30.00      | -17.00      |
| Change in volume, % 體積變化率                                       | +60.00      | +42.00      |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S6001R CAN MEET ASTM 2000 M5GE606A19B37EO16EO36