

The Manufacturer of Sealing Parts

TEST REPORT

MATERIAL : HNBR 80 DURO BLACK

COMPOUND NO: H8001B

| Physical Properties (Press Cure:170°CX10min Post Cure:175°CX4h) | Requirement | Test result |
|---|-------------|-------------|
| Hardness, Point 硬度(邵A) | 75.00-85.00 | 79.00 |
| Tensile Strength, min, Mpa 拉力強度 | 20.00 | 20.20 |
| Ultimate Elongation, min, % 延伸率 | 150.00 | 192.00 |
| Specific Gravity, 比重 | | 1.30 |

Heat Resistance 70h@150°C 老化試驗

| | | |
|--|--------|--------|
| Change in hardness, max, Point 硬度變化(邵A) | +10.00 | +3.00 |
| Change in tensile strength, max, % 拉伸強度變化率 | -15.00 | -2.00 |
| Change in ultimate elongation, max, % 扯斷伸長率變化率 | -25.00 | -21.00 |

Compression Set 22h@150°C 壓縮永久變形試驗

| | | |
|--|--|-------|
| Compression set, Method B, max, % 壓縮永久變形 | | 10.00 |
|--|--|-------|

Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗

| | | |
|--|-------------|-------|
| Change in hardness, Point 硬度變化 | -5.00-10.00 | +0.00 |
| Change in tensile strength, max, % 拉力強度變化率 | -20.00 | +9.00 |
| Change in ultimate elongation, max, % 延伸率變化率 | -30.00 | -9.00 |
| Change in volume, % 體積變化率 | -10.00-5.00 | -1.00 |

Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗

| | | |
|--|--------|--------|
| Change in hardness, Point 硬度變化 | -15.00 | -8.00 |
| Change in tensile strength, max, % 拉力強度變化率 | -40.00 | -7.00 |
| Change in ultimate elongation, max, % 延伸率變化率 | -30.00 | -2.00 |
| Change in volume, % 體積變化率 | +25.00 | +12.00 |

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
 THIS COMPOUND H8001B CAN MEET ASTM 2000 M4DH820A26B16EQ16EO36

