

TEST REPORT

MATERIAL: SIL70 DURO CLEAR COMPOUND NO.S7001C

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A 硬度

TENSILE STRENGTH, MPa 拉力強度, min

ELONGATION, % 延伸率 min

SPECIFIC GRAVITY 比重

| REQUIREMENTS | TEST RESULT |
|--------------|-------------|
| 70+/-5 | 74 |
| 6.0 | 9.1 |
| 150 | 255 |
| | 1.217 |

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE, PTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, % 延伸率變化

| | |
|-----|-----|
| +10 | +1 |
| -25 | -20 |
| -30 | -15 |

C)COMPRESSION SET:壓縮永久變形試驗

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS,max

| | |
|----|----|
| 25 | 10 |
|----|----|

E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS 耐 1#油試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANG, % 拉力強度變化

ELONGATION CHANGE, % 延伸率變化

VOLUME CHANGE, % 體積變化

| | |
|-------|----|
| 0~-15 | -8 |
| -20 | -5 |
| -20 | -5 |
| 0~+10 | +6 |

F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS 耐 3#油試驗

HARDNESS CHANGE, PTS 硬度變化

VOLUME CHANGE, % 體積變化

| | |
|-----|-----|
| -30 | -26 |
| +60 | +41 |

NOTE:1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S7001C CAN MEET ASTM D2000 M5GE706 A19 B37 EO16 EO36

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