



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : SIL60 DURO BLACK

COMPOUND NO. :S6001B

A)PHYSICAL PROPERTIES 基本物性

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

60+/-5 63

6.0 7.4

200 321

1.227

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

HARDNESS CHANGE, PTS 硬度變化

+10 -2

TENSILE STRENGTH CHANGE, % 拉力強度變化

-25 -7

ELONGATION CHANGE, % 延伸率變化

-45 -16

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 11

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

HARDNESS CHANGE, POINTS 硬度變化

0~-15 -7

TENSILE STRENGTH CHANG, % 拉力強度變化

-20 +4

ELONGATION CHANGE, % 延伸率變化

-20 -6

VOLUME CHANGE, % 體積變化

0~+10 +6

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

HARDNESS CHANGE, PTS 硬度變化

-30 -18

VOLUME CHANGE, % 體積變化

+60 +43

F) LOW TEMPERATURE BRITTLINESS 耐低溫試驗

ASTM D2137

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY

THIS COMPOUND S6001B CAN MEET ASTM D2000 M5GE606 A19 B37 EO16 EO36 F19 Z1

(Z1= HEAT RESISTANCE ELONGATION CHANGE -45%)

以上測試結果僅供參考，該支料可符合 ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19 標準

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