



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : SIL60 DURO BLACK FLAME RESISTANCE

COMPOUND NO. :S6052B

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 64

5.0 6.7

200 2.99

1.382

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 +9

-30 -14

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 13

D)WATER RESISTANCE @100 DEGREE C X70 HRS 耐水試驗

HARDNESS CHANGE,POINTS 硬度變化

VOLUME CHANGE,% 體積變化

+/-5 +3

+/-5 +5

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 -6

-20 +0

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 -19

+60 +42

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

THIS COMPOUND S6052B CAN MEET ASTM D2000 M5GE605 A19 B37 EA14 EO16 EO36 Z1

(Z1=FLAME RESISTANCE)

以上測試結果僅供參考，該支料可符合 ASTM D2000 M5GE605 A19 B37 EA14 EO16 EO36 標準

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