

TEST REPORT

MATERIAL :HNBR90 DURO BLACK

COMPOUND NO:H9001B

A) PHYSICAL PROPERTIES 基本物性

PRESS CURE @ 170DEGREE C X 10 MIN

POST CURE @ 130 DEGREE C X 3 HRS

HARDNESS SHORE A 硬度

TENSILE STRENGTH,MPa 拉力強度 ,min

ELONGATION,% 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENTS

90+/-5

20

100

TEST RESULT

91

23.2

127

1.274

B)HEAT AGING @ 150 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE ,% 拉力強度變化

ELONGATION CHANGE ,% 延伸率變化

+10

-25

-30

+1

-3

- 24

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 150 DEGREE CX 22 HRS % ,max

30

8

D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 150 DEGREE C X 70H 耐 1#油試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE , % 拉力強度變化

ELONGATION CHAGNE, % 延伸率變化

VOLUME CHANGE, % 體積變化

-5~+10

-20

-30

+/-5

-1

+13

-6

-3

E) FLUID RESISTANCE,TEST METHOD NO.3.oil @ 150 DEGREE C X 70H 耐 3#油試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE , % 延伸率變化

VOLUME CHANGE, % 體積變化

-15

-30

-30

+25

-7

+3

-3

+10

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

THIS COMPOUND H9001B CAN MEET ASTM D2000 M3DH920 A26 B16 EO16 EO36

上述測試結果僅供參考，該支料可符合 ASTM D2000 M3DH920 A26 B16 EO16 EO36 標準。

TEMPERATURE RANGE:-25°C~150°C



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Test by:QC08