

TEST REPORT

MATERIAL :HNBR80 DURO

COMPOUND NO:H8001B

PHYSICAL PROPERTIES 基本物性

PRESS CURE @ 170DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1 HRS

HARDNESS SHORE A 硬度

TENSILE STRENGTH,MPa 拉力強度,min

ELONGATION,% 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENTS

80+/-5

20

150

40

-5~+10

-20

-30

-10~+5

-15

-40

-30

+25

TEST RESULT

81

21.4

191

1.302

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

HARDNESS CHANGE ,POINTS 硬度變化

TENSILE STRENGTH CHANGE ,% 拉力強度變化率

ELONGATION CHANGE ,% 延伸率變化

+10

-15

-25

+4

+4

-23

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 150 DEGREE CX 22 HRS %,max

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 ,% 拉力強度變化率

ELONGATION CHAGNE, % 延伸率變化

VOLUME CHANGE, % 體積變化率

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, % 拉力強度變化率

ELONGATION CHANGE , % 延伸率變化

VOLUME CHANGE, % 體積變化率

-5~+10

-20

-30

-10~+5

-15

-40

-30

+25

+0

+8

-11

-1

-7

+1

+9

+11

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

THIS COMPOUND H8001B CAN MEET ASTM D2000 M4DH820 A26 B16 EO16 EO36

上述測試結果僅供參考，該支料可符合 ASTM D2000 M4DH820 A26 B16 EO16 EO36 標準



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08