

TEST REPORT

MATERIAL :HNBR70 DURO BLACK

COMPOUND NO:H7001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN

POST CURE @ 150 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

TEST RESULT

70+/-5 69

16 18.4

250 295

1.21

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 +3

-15 -6

-25 -14

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 150 DEGREE CX 22 HRS %,max

35 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 -2

-20 -1

-30 -1

-10~+5 -1

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 -10

-40 -9

-30 -2

+25 +14

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

THIS COMPOUND H7001B CAN MEET ASTM D2000 M4DH716 A26 B16 EO16 EC60

TEMPERATURE RANGE:-35°C~150°C



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Test by:QC08