

**TEST REPORT**

MATERIAL :FDA HNBR70 DURO BLACK

COMPOUND NO:H7011B

**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

72

16

26.5

250

418

1.167

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

HARDNESS CHANGE , POINTS 硬度變化

+10

+5

TENSILE STRENGTH CHANGE ,% 拉力強度變化

-15

+2

ELONGATION CHANGE ,% 延伸率變化

-25

-20

**C)COMPRESSION SET 壓縮永久變形試驗**

HEAT AGING @ 150 DEGREE CX 22 HRS %,max

40

21

**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

-5~+10

+0

TENSILE STRENGTH CHANGE , % 拉力強度變化

-20

+2

ELONGATION CHAGNE, % 延伸率變化

-30

-15

VOLUME CHANGE, % 體積變化

-10~+5

-2

**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

-15

-10

TENSILE STRENGTH CHANGE, % 拉力強度變化

-40

-19

ELONGATION CHANGE , % 延伸率變化

-30

-16

VOLUME CHANGE, % 體積變化

+25

+17

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND H7011B CAN MEET ASTM D2000 M4DH716 A26 B16 EO16 EO36

2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.

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Test by:QC08