

TEST REPORT

MATERIAL :VITON 60 BROWN GF GRADE COMPOUND NO. :V6092N

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A 硬度

TENSILE STRENGTH, MPa 拉力强度,min

ELONGATION, % 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT

TEST RESULT

60+/-5

61

14

17.8

200

332

1.892

B)HEAT AGING @250 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力强度變化

ELONGATION CHANGE, %延伸率變化

+10

+0

-25

-25

-25

+35

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @175 DEGREE C X 22 HRS, %,max

50

11

D) FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力强度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 体积變化

+/-5

-3

-25

-25

-20

-7

0~+10

+2

G) LOW TEMPERATURE BRITTLINESS 低温脆性試驗

TESTS AFTER 3MIN AT -25 DEGREE C

NONBRITTLE

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

THIS COMPOUND V6092N CAN MEET ASTM D2000 M2HK614 A1-10 B37 EF31 F15 Z1 (Z1=GF GRADE)

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Test by:QC08