

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 拉力強度 ,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, %拉力強度變化

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

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化

ELONGATION CHANGE, % 延伸率变化

VOLUME CHANGE, % 体积变化

+/-5	-3
-25	-25
-20	-7
0~+10	+2

G) LOW TEMPERATURE BRITTLINESS 低温脆性试验

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

