

TEST REPORT

MATERIAL :VITON 75 BROWN GF GRADE COMPOUND NO. :V7592N

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
75+/-5	80
14	14.2
150	177
	2.302

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	-7
-25	-7

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	12
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D) FUEL OIL IMMERSION @RT X 70 HRS 耐燃油 C 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

+/-5	-1
-25	-12
-20	-3
0~+10	+1

G) LOW TEMPERATURE BRITTLINESS 低溫脆性試驗

TESTS AFTER 3MIN AT -25 DEGREE C

NONBRITTLE

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

THIS COMPOUND V7592N CAN MEET ASTM D2000 M2HK814 A1-10 B37 EF31 F15 Z1

(Z1=GF GRADE)

QA Manager: Grace Chen**QC.Dept:Dolly Zhou****Test by:QC08**