



The Manufacturer of Sealing Parts

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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

	REQUIREMENT	TEST RESULT
HARDNESS, SHORE A 硬度	75+/-5	80
TENSILE STRENGTH, MPa 拉力強度,min	14	14.2
ELONGATION, % 延伸率,min	150	177
SPECIFIC GRAVITY 比重		2.302

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

HARDNESS CHANGE, POINTS 硬度變化	+ 10	+ 0
TENSILE STRENGTH CHANGE, %拉力強度變化	-25	-7
ELONGATION CHANGE, %延伸率變化	-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 C OIL IMMERSION @RT X 70 HRS 耐燃油 C 試驗

HARDNESS CHANGE, POINTS 硬度变化	+/- 5	- 1
TENSILE STRENGTH CHANGE, %拉力强度变化	-25	-12
ELONGATION CHANGE, %延伸率变化	- 20	- 3
VOLUME CHANGE, % 体积变化	0~+10	+ 1

G) LOW TEMPERATURE BRITTLENESS 低温脆性试验

TESTS AFTER 3MIN AT -25 DEGREE C	NONBRITTLE
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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)

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Test by:QC08