

TEST REPORT

MATERIAL :VITON 75 BLACK GF GRADE COMPOUND NO. :V7592B

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	73
TENSILE STRENGTH, MPa 拉力強度,min	14	24.8
ELONGATION, % 延伸率,min	150	250
SPECIFIC GRAVITY 比重		1.908

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	-10
ELONGATION CHANGE, %延伸率變化	-25	+44

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	10
--	----	----

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

HARDNESS CHANGE, POINTS 硬度变化	+/-5	-2
TENSILE STRENGTH CHANGE, %拉力强度变化	-25	-17
ELONGATION CHANGE, %延伸率变化	-20	+0
VOLUME CHANGE, % 体积变化	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 V7592B 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