

TEST REPORT

MATERIAL :FKM 80 BLACK

COMPOUND NO:V8001B

A)PHYSICAL PROPERTIES:

PRESS CURE @ 200 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
80+/-5	80
10	14.6
150	212
	1.824

B)HEAT AGING @ 250 DEGREE C X 70 HRS 老化试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE , %拉力强度变化率

ELONGATION CHANGE , % 延伸率变化率

+10	+5
-25	+6
-25	-24

C)COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS 加硫条件

PRESS CURE @ 200 DEGREE C X 20 MIN)

POST CURE @230 DEGREE C X 24HRS

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

50	10
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D)FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 试验

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, % 体积变化率

+/-5	-4
-25	-14
-20	-10
0~+10	+4

E) LOW TEMPERATURE BRITTLINESS 耐低温试验(脆性温度)

TESTS AFTER 3MIN AT -20 DEGREE C

NONBRITTLE

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND V8001B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31

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Test No.:QC08

