



TEST REPORT

MATERIAL :FKM 80 BLUE

COMPOUND NO:V8001U

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 拉力強度,min

ELONGATION, % 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
80+/-5	82
10	11.0
150	197
	2.044

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	+3
-25	+11
-25	-25

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS

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	14
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D)FUEL C 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	-3
-25	-24
-20	-13
0~+10	+3

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V8001U CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31



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Test by:QC08