



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

	REQUIREMENT	TEST RESULT
HARDNESS , SHORE A 硬度	80+/-5	82
TENSILE STRENGTH, Mpa 拉力強度,min	10	11.0
ELONGATION, % 延伸率,min	150	197
SPECIFIC GRAVITY 比重		2.044

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

HARDNESS CHANGE , POINTS 硬度變化	+10	+3
TENSILE STRENGTH CHANGE , % 拉力強度變化	-25	+11
ELONGATION CHANGE , % 延伸率變化	-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	+/-5	-3
TENSILE STRENGTH CHANGE, %拉力強度變化	-25	-24
ELONGATION CHANGE, % 延伸率變化	-20	-13
VOLUME CHANGE, %體積變化	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