

TEST REPORT

MATERIAL : FKM 90 BROWN COMPOUND NO. : V9001N

A)PHYSICAL PROPERTIES:

PRESS CURE @170 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
90+/-5	92
10.0	12.8
100	131
	2.064

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

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

ELONGATION CHANGE, % 延伸率變化

+10	+2
-25	+30
-25	-21

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

30	12
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D) FUEL 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	-12
-20	+2
0~+10	+4

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V9001N CAN MEET ASTM D2000 M3HK910 A1-10 B37 EF31

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Test by:QC08