

TEST REPORT

MATERIAL : FKM 50 BROWN COMPOUND NO. :V5001N

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,min 拉力强度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
50+/-5	55
7.0	10.5
250	400
	1.892

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	+0
-25	+5
-25	+3

C) COMPRESSION SET 压缩永久变形试验

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

50	9
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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	-25
-20	-15
0~+10	+5

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V5001N CAN MEET ASTM D2000 M2HK507 A1-10 B37 EF31