

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

	REQUIREMENT	TEST RESULT
HARDNESS, SHORE A 硬度	50+/-5	55
TENSILE STRENGTH, MPa,min 拉力强度	7.0	9.0
ELONGATION, %,min 延伸率	250	382
SPECIFIC GRAVITY 比重		1.847

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

HARDNESS CHANGE, POINTS 硬度变化	+10	+3
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	+29
ELONGATION CHANGE, %延伸率变化率	-25	-5

C) COMPRESSION SET 压缩永久变形试验

HEAT AGING @175 DEGREE C X 22 HRS, % max	50	8
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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	+/-5	-1
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-24
ELONGATION CHANGE, %延伸率变化率	-20	-7
VOLUME CHANGE, %体积变化率	0~+10	+2

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

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Test by:QC08