

TEST REPORT

MATERIAL : FDA FKM 60 BLACK COMPOUND NO. V6011B

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
60+/-5	64
7.0	9.6
200	266
	1.805

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	+4
-25	-6

C)COMPRESSION SET 压缩永久变形试验

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

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	-24
-20	-20
0~+10	+3

NOTE:1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND V6011B CAN MEET ASTM D2000 M2HK607 A1-10 B37 EF31

2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.

**QA Manager: Grace Chen****QC.Dept:Dolly Zhou****Test by:QC08**