

TEST REPORT

MATERIAL : FDA FKM 75 BLACK

COMPOUND NO. :V7511B

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
75+/5	72
10	11.9
150	197
	1.807

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	+3
-25	+0
-25	-10

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	6
----	---

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	-2
-25	-21
-20	-17
0~+10	+4

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

THIS COMPOUND V7511B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 AND MEET MIL-R-83248C TYPE II(CLASS 1)



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08