

TEST REPORT

MATERIAL : FKM 75 GREEN

COMPOUND NO. V7501G

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

REQUIREMENTS

TEST RESULT

75+/-5

74

7.0

12.5

150

305

2.182

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

+4

-25

-9

-25

-24

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

11

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

-12

-20

-11

0~+10

+5

E) LOW TEMPERATURE BRITTLINESS 耐低温试验

TESTS AFTER 3MIN AT -18 DEGREE C

NONBRITTLE

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

THIS COMPOUND V7501G CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31 F14

2. TEMPERATURE RANGE:-18℃~200℃ , THIS TEMPERATURE IS SUITABLE FOR USE IN HEAT AIR AGING, OTHER MEDIUM DO NOT APPLY.



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08