

TEST REPORT

MATERIAL : FDA FKM 75 PURPLE

COMPOUND NO. : V7511P

TEST DATE:2017/04/13

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

73

7.0

10.1

150

208

2.05

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

-3

ELONGATION CHANGE, % 延伸率变化率

-25

-20

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

8

D)FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 试验

HARDNESS CHANGE, POINTS 硬度变化

+/-5

-3

TENSILE STRENGTH CHANGE, % 拉力强度变化率

-25

-25

ELONGATION CHANGE, % 延伸率变化率

-20

-12

VOLUME CHANGE, % 体积变化率

0~+10

+4

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

THIS COMPOUND V7511P CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31

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

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Test by:QC08