

TEST REPORT

MATERIAL : FKM 60 BLUE

COMPOUND NO. V6001U

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**

60+/-5 56

7.0 8.1

200 427

1.818

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 +11

-25 -5

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

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 -3

-25 -23

-20 -20

0~+10 +3

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.
THIS COMPOUND V6001U CAN MEET ASTM D2000 M2HK607 A1-10 B37 EF31

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