

TEST REPORT

MATERIAL :FKM 75 BROWN METAL BONDED

COMPOUND NO. V7561N

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 拉力強度,min

ELONGATION, % 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT
TEST RESULT

75+/-5

78

10.0

12.0

150

187

2.021

B)HEAT AGING @250 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, % 延伸率變化

+10

+4

-25

+25

-25

-24

C)COMPRESSION SET 壓縮永久變形試驗

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 試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, % 延伸率變化

VOLUME CHANGE, % 體積變化

+/-5

-2

-25

-3

-20

-2

0~+10

+2

E)ASTM NO.1 OIL IMMERSION @150°C X70HRS 耐 1#油試驗

VOLUME CHANGE, % 體積變化

+2

F)ASTM IRM 903 OIL IMMERSION @150°C X70HRS 耐 3#油試驗

VOLUME CHANGE, % 體積變化

+6

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND V7561N CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31


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