



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :FKM 80 GREEN

COMPOUND NO:V8001G

A)PHYSICAL PROPERTIES:

PRESS CURE @ 200 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

80+/-5 79

10 12.6

150 184

2.035

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

HARDNESS CHANGE , POINTS 硬度變化

+10 +2

TENSILE STRENGTH CHANGE , % 拉力強度變化

-25 +7

ELONGATION CHANGE , % 延伸率變化

-25 -13

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS

PRESS CURE @ 200 DEGREE C X 20 MIN)

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @ 175 DEGREE C X 22 HRS,% ,max

50 5

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

HARDNESS CHANGE, POINTS 硬度變化

+/-5 -1

TENSILE STRENGTH CHANGE, %拉力強度變化

-25 -6

ELONGATION CHANGE, % 延伸率變化

-20 -2

VOLUME CHANGE, %體積變化

0~+10 +3

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V8001G CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31

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Test by:QC08