



ESCORT SEAL

The Manufacturer of Sealing Parts

Escort Seal (Shanghai) Co., Ltd
NO.205 Jiangtian RD(E) Songjiang
Shanghai China
POSTAL CODE: 201613
Tel:(021)57747878
Fax:(021)57747979
Website: http://www.seal.com.tw

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	11.6
150	158
	2.032

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	+2
-25	+6
-25	+4

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	6
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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	-3
-25	-6
-20	+34
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



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08