



The Manufacturer of Sealing Parts

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

TEST REPORT

MATERIAL : NBR 70 DURO GASOLINE RESISTANCE COMPUND NO. : N7037B

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

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

70+/-5 71

10 12.6

250 409

1.323

B)HEAT RESISTANCE @100°CX70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力強度變化率

LONGATION CHANGE, % 延伸率變化

+/-15 +1

+/-30 +4

-50 -14

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS 加硫條件

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°CX22HRS ,max

25 13

D)ASTM NO.1 OIL IMMERSION @100°CX70HRS 耐 1#油試驗

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~+10 +8

-25 +11

-45 -14

-10~+5 -8

E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS 耐 3#油試驗

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

-10~+5 +5

-45 +10

-45 -14

0~+25 +2

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY. THIS COMPOUND N7037B CAN MEET ASTM D2000 M2BG710 A14 B14 EC11 EQ34



QA Manager: Grace Chen

QC.Dept:Dolly Zhou