



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 : NBR 70 DURO BLUE

COMPUND NO. : N7001U

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 10.1

250 552

1.49

B)HEAT RESISTANCE @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

+/-15 +1

TENSILE STRENGTH CHANGE, % 拉力強度變化率

-20 -4

LONGATION CHANGE, % 延伸率變化率

-40 +1

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°C X22HRS ,max

25 16

D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS 耐 1#油試驗

HARDNESS CHANGE , POINTS 硬度變化

-5~+15 +3

TENSILE STRENGTH CHANGE, % 拉力強度變化率

-25 +7

ELONGATION CHANGE, %延伸率變化率

-45 -6

VOLUME CHANGE, % 體積變化率

-10~+5 -3

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS 耐 3#油試驗

HARDNESS CHANGE , POINTS 硬度變化

0~-20 -8

TENSILE STRENGTH CHANGE, %拉力強度變化

-45 -7

ELONGATION CHANGE, %延伸率變化率

-45 +2

VOLUME CHANGE, %體積變化率

0~+35 +11

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001U CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

