



**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 ORANGE

COMPUND NO. : N7001O

**A) PHYSICAL PROPERTIES:**

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

HARDNESS , SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENT TEST RESULT

70+/-5 73

7.0 14.3

200 471

1.374

**B)HEAT RESISTANCE @100°CX70HRS**

HARDNESS CHANGE, POINTS

+/-15 +1

TENSILE STRENGTH CHANGE, %

-20 +0

LONGATION CHANGE, %

-40 +2

**C)COMPRESSION SET**

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°CX22HRS,max

25 19

**D)ASTM NO.1 OIL IMMERSION @100°CX70HRS**

HARDNESS CHANGE , POINTS

-5~+15 +3

TENSILE STRENGTH CHANGE, %

-25 +13

ELONGATION CHANGE, %

-45 -5

VOLUME CHANGE, %

-10~+5 -5

**E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS**

HARDNESS CHANGE , POINTS

0~15 -9

TENSILE STRENGTH CHANGE, %

-45 -7

ELONGATION CHANGE, %

-45 -3

VOLUME CHANGE, %

0~+35 +12

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
 THIS COMPOUND N7001O CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

