

**ESCORT SEAL***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 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	72
7.0	14.3
200	471
	1.371

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

LONGATION CHANGE, %

+/-15	+2
-20	-6
-40	-8

C)COMPRESSION SET

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	22
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D)ASTM NO.1 OIL IMMERSION @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+15	+1
-25	+6
-45	-3
-10~+5	-3

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-14
-45	-15
-45	-9
0~+35	

+14

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

Test by:QC08

