



# 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 : HIGH STRENGTH NBR 60 DURO BLACK COMPOUND NO. : N6039B

### A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

HARDNESS, SHORE A

TENSILE,STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENTS

60+/-5

14

300

TEST RESULTS

62

14.7

397

1.187

### B) HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS

+/- 15

+4

TENSILE CHANGE, %

+/- 30

+6

ELONGATION CHANGE, .%

-50

-10

### C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 12 MIN

POST CURE @ 120 DEGREE C X 1 HR

HEAT AGING @ 100 DEGREE C X 22 HRS, % ,max

25

6

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

HARDNESS CHANGE , POINTS

-5~+10

+6

TENSILE CHANGE, %

-25

+12

ELONGATION CHANGE, %

-45

-13

VOLUME CHANGE, %

-10~+5

-8

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

HARDNESS CHANGE , POINTS

-10~+5

-7

TENSILE CHANGE, %

-45

-21

ELONGATION CHANGE, %

-45

-14

VOLUME CHANGE, %

0~+25

+13

### F) LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -35 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND N6039B CAN MEET ASTM D2000 M2BG614 A14 B14 EO14 EO34 F16

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08