



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

TENSILE CHANGE, %

ELONGATION CHANGE, .%

+/- 15

+/- 30

-50

+4

+6

-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

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10

-25

-45

-10~+5

+6

+12

-13

-8

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

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5

-45

-45

0~+25

-7

-21

-14

+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

