



**ESCORT SEAL**

*The Manufacturer of Sealing Parts*

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## TEST REPORT

MATERIAL : NBR 60 DURO ORANGE

COMPUND NO. : N60010

**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**

60+/-5 65

6.0 10.5

200 573

1.417

**B)HEAT RESISTANCE @ 100°C X70HRS**

HARDNESS CHANGE, POINTS

+/-15 +3

TENSILE STRENGTH CHANGE, %

+/-30 +8

LONGATION CHANGE, %

-50 -6

**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 18

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

HARDNESS CHANGE , POINTS

-5~+10 +2

TENSILE STRENGTH CHANGE, %

-25 +6

ELONGATION CHANGE, %

-45 -11

VOLUME CHANGE, %

-10~+5 -5

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

HARDNESS CHANGE , POINTS

-10~+5 -10

TENSILE STRENGTH CHANGE, %

-45 -8

ELONGATION CHANGE, %

-45 -6

VOLUME CHANGE, %

0~+25 +14

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N60010 CAN MEET ASTM D2000 M2BG606 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

