



**ESCORT SEAL**

*The Manufacturer of Sealing Parts*

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## TEST REPORT

MATERIAL : NBR 60 DURO GRAY

COMPUND NO. : N6001A

**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 63

6.0 9.5

200 386

1.389

**B)HEAT RESISTANCE @ 100°C X70HRS**

HARDNESS CHANGE, POINTS

+/-15 +1

TENSILE STRENGTH CHANGE, %

+/-30 +0

LONGATION CHANGE, %

-50 -1

**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 14

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

HARDNESS CHANGE , POINTS

-5~+10 +1

TENSILE STRENGTH CHANGE, %

-25 +7

ELONGATION CHANGE, %

-45 -3

VOLUME CHANGE, %

-10~+5 -7

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

HARDNESS CHANGE , POINTS

-10~+5 -9

TENSILE STRENGTH CHANGE, %

-45 +5

ELONGATION CHANGE, %

-45 +3

VOLUME CHANGE, %

0~+25 +6

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND N6001A CAN MEET ASTM D2000 M2BG606 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

