



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 60 DURO RED

COMPUND NO. : N6001R

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 62

6.0 6.1

200 495

1.524

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

+/-15 +2

TENSILE STRENGTH CHANGE, %

+/-30 +13

LONGATION CHANGE, %

-50 +4

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 12

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

HARDNESS CHANGE , POINTS

-5~+10 +1

TENSILE STRENGTH CHANGE, %

-25 +16

ELONGATION CHANGE, %

-45 +3

VOLUME CHANGE, %

-10~+5 -7

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

HARDNESS CHANGE , POINTS

-10~+5 -9

TENSILE STRENGTH CHANGE, %

-45 -5

ELONGATION CHANGE, %

-45 -2

VOLUME CHANGE, %

0~+25 +9

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N6001R CAN MEET ASTM D2000 M2BG606 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08