



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO HIGH TEMP

COMPOUND NO. : N7062B

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

70+/-5 71

10 16.9

250 402

1.212

B) HEAT RESISTANCE @125°C X70HRS

HARDNESS CHANGE, POINTS

0~+15 +2

ENSILE CHANGE, %

-25 +1

ELONGATION CHANGE, %

-50 -25

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 15

D)ASTM NO.1 OIL IMMERSION @125°C X70HRS

HARDNESS CHANGE , POINTS

0~+10 +4

TENSILE STRENGTH CHANGE, %

-20 +4

ELONGATION CHANGE, %

-30 -28

VOLUME CHANGE, %

-15~+5 -6

E)ASTM IRM 903 OIL IMMERSION @125°C X70HRS

HARDNESS CHANGE , POINTS

-10~+10 -9

TENSILE STRENGTH CHANGE, %

-15 -14

ELONGATION CHANGE, %

-30 -25

VOLUME CHANGE, %

0~+25 +13

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7062B CAN MEET ASTM D2000 M2CH710 A25 B14 EO15 EO35

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08