

TEST REPORT

MATERIAL : NBR 80 DURO HIGH TEMP
COMPOUND NO. : N8062B
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

80+/-5 84

14 18.1

125 311

1.299

B) HEAT RESISTANCE @125°C X70HRS

HARDNESS CHANGE, POINTS

0~+15 +1

TENSILE CHANGE, %

-25 +4

ELONGATION CHANGE, %

-50 -42

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 9

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

HARDNESS CHANGE , POINTS

0~+10 +0

TENSILE STRENGTH CHANGE, %

-20 -3

ELONGATION CHANGE, %

-35 -30

VOLUME CHANGE, %

-15~+5 -2

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

HARDNESS CHANGE , POINTS

-10~+10 -9

TENSILE STRENGTH CHANGE, %

-15 -6

ELONGATION CHANGE, %

-30 -30

VOLUME CHANGE, %

0~+25 +9

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

THIS COMPOUND N8062B CAN MEET ASTM D2000 M4CH814 A25 B14 EO15 EO35

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Test by:QC08

