

## 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

ENSILE CHANGE, %

ELONGATION CHANGE, %

0~+15	+2
-25	+1
-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
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**D)ASTM NO.1 OIL IMMERSION @125°C X70HRS**

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~+10	+4
-20	+4
-30	-28
-15~+5	-6

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+10	-9
-15	-14
-30	-25
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

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Test by:QC08

