

TEST REPORT

MATERIAL : NBR 70 DURO HIGH LOW-TEMP
COMPOUND NO. : N7064B
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

REQUIREMENT	TEST RESULT
70+/-5	73
10	17.5
250	310
	1.209

B) HEAT RESISTANCE @125°CX70HRS

HARDNESS CHANGE, POINTS

ENSILE CHANGE, %

ELONGATION CHANGE, %

0~+15	+10
-25	+12
-50	-22

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	10
----	----

D)ASTM NO.1 OIL IMMERSION @125°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~+10	+9
-20	+9
-30	-22
-15~+5	-8

E)ASTM IRM 903 OIL IMMERSION @125°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+10	-2
-15	-11
-30	-23
0~+25	+6

F)LOW TEMPERATURE TR10

-34.4

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

THIS COMPOUND N7064B CAN MEET ASTM D2000 M2CH710 A25 B14 EQ17 EQ18

OR MIL-P-25732

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

