

TEST REPORTMATERIAL : NBR 70 DURO WITH MOS₂ COMPOUND NO. : N7047B**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,

REQUIREMENTS	TEST RESULT
70+/- 5	72
10	16.7
250	351
	1.25

B) HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

ENSILE CHANGE, %

ELONGATION CHANGE, %

+/-15	+3
+/-30	+3
-50	-14

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 @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10	+4
-25	+7
-45	-12
-10~+5	-6

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5	-8
-45	-8
-45	-13
0~+25	+13

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

THIS COMPOUND N7047B CAN MEET ASTM D2000 M2BG710 A14 B14 EO14 EO34 Z1

Z1=WITH MOS₂

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

