

TEST REPORT

MATERIAL : NBR 60 BLACK LOW TEMPERATURE COMPOUND NO. : N6063B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

	REQUIREMENTS	TEST RESULTS
HARDNESS, SHORE A	60+/-5	64
TENSILE,STRENGTH, MPa ,min	10	15.1
ELONGATION, %,min	300	383
SPECIFIC GRAVITY		1.181

B) HEAT AGING @100°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE CHANGE , %

ELONGATION CHANGE, .%

+/- 15	+5
+/- 30	+13
-50	-1

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
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D)ASTM NO.1 OIL IMMERSION @100°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10	+6
-25	+17
-45	-3
-10~+5	-8

E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5	-4
-45	+2
-45	+1
0~+25	+7

F) LOW TEMPERATURE BRITTLENESS

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

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

THIS COMPOUND N6063B CAN MEET ASTM D2000 M2BG610 A14 B14 EQ14 EO34 F19

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

