

TEST REPORT

MATERIAL : NBR 60 DURO BLACK WITH 41% PROPYLENE

COMPOUND NO. :N6003B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

HARDNESS, SHORE A

TENSILE,STRENGTH, MPa ,min

ELONGATION, %.min

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULTS
60+/-5	60
10	13.2
300	571
	1.211

B) HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, .%

+/-15	+1
+/-30	+5
-50	-12

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	17
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10	+5
-25	+18
-45	+0
-10~+5	-9

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

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5	-9
-45	-9
-45	-10
0~+25	+10

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

THIS COMPOUND N6003B CAN MEET ASTM D2000 M2BG610 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08