

**TEST REPORT**

MATERIAL: NBR 75 DURO BLACK

COMPOUND NO. : N7501B

**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

ELONGATION, %

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
75+/-5	79
10	13.9
125	231
	1.277

**B)HEAT RESISTANCE @100°CX70HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+/-15	+0
+/-30	-4
-50	-19

**C)COMPRESSION SET**

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°CX22HRS, %

25	11
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**D)ASTM NO.1 OIL IMMERSIONN @100°CX70HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+5	+5
-25	-2
-45	-23
-10~+5	-7

**E)ASTM IRM 903 OIL IMMERSIONN @100°CX70HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~-+5	-3
-45	-2
-45	-12
0~+25	+5

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND N7501B CAN MEET ASTM D2000 M6BG810 A14 B14 EO14 EO34



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Test by:QC