

TEST REPORT

MATERIAL : NBR 70 DURO WHITE

COMPUND NO. : N7001W

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

70+/-5	71
10	15.8
250	458
	1.435

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

LONGATION CHANGE, %

+15	+2
-20	+2
-40	-2

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°C X22HRS,max

25	17
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+15	+4
-25	+16
-45	-3
-10~+5	-3

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-5
-45	-6
-45	-12
0~+35	+9

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

THIS COMPOUND N7001W CAN MEET ASTM D2000 M5BG710 A14 B14 E10 E034



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Test by:QC08