

TEST REPORT

MATERIAL : NBR 70 DURO RED

COMPUND NO. : N7001R

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

REQUIREMENT	TEST RESULT
70+/-5	69
10	11.2
250	487
	1.438

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

LONGATION CHANGE, %

+15	+3
-20	+0
-40	-16

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	18
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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	+3
-25	-5
-45	-20
-10~+5	-3

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-8
-45	-10
-45	-9
0~+35	+9

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001R CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34

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Test by:QC08

