

TEST REPORT

MATERIAL: NBR 80 DURO BLACK

COMPOUND NO. :N8058B

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

REQUIREMENTS	TEST RESULT
80+/-5	84
10.0	14.9
125	261
	1.444

B)HEAT RESISTANCE @125°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

0~+15	+7
-25	+12
-50	-43

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	20
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D)ASTM NO.1 OIL IMMERSION @ 125°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~+10	+5
-20	+11
-35	-23
-15~+5	-1

E)ASTM IRM 903 OIL IMMERSION @ 125°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-10	-3
-15	-13
-30	-27
0~+25	+10

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N8058B CAN MEET ASTM D2000 M4CH810 A25 B14 EO15 EO35



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Test by:QC08