



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL: NBR 95 DURO BLACK

COMPOUND NO. :N9558B

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
95+/-5	91
10	16.4
100	175
	1.495

B)HEAT RESISTANCE @125°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

0~+15	+2
-25	+0
-50	-41

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	19
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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	+0
-20	-1
-35	-17
-15~+5	-1

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-10	-5
-15	-9
-30	-18
0~+25	+10

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N9558B CAN MEET ASTM D2000 M4CH910 A25 B14 EO15 EO35

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08