

**TEST REPORT**

MATERIAL: NBR 90 DURO BLACK

COMPOUND NO. :N9058B

**A) PHYSICAL PROPERTIES:**

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

HARDNESS, SHORE A 硬度

TENSILE STRENGTH, MPa ,min 拉力强度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENTS	TEST RESULT
90+/-5	95
10	13.8
100	108
	1.545

**B)HEAT RESISTANCE @125°CX70HRS 老化试验**

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, %延伸率变化率

0~+15	+0
-25	+2
-50	-45

**C)COMPRESSION SET 压缩永久变形试验**

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°CX22HRS, %,max

25	22
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**D)ASTM NO.1 OIL IMMERSION @125°CX70HRS 耐 1#油试验**

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, %体积变化率

0~+10	+0
-20	+19
-35	-16
-15~+5	+1

**E)ASTM IRM 903 OIL IMMERSION @125°CX70HRS 耐 903#油试验**

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, % 体积变化率

+/-10	-9
-15	-14
-30	-29
0~+25	+15

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
 THIS COMPOUND N9058B CAN MEET ASTM D2000 M4CH910 A25 B14 EO15 EO35



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Test by:QC08