

TEST REPORT

MATERIAL: NBR 70 DURO BLACK

COMPOUND NO. :N7058B

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
70+/-5	75
10	11.8
250	351
	1.372

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	+6
-25	+11
-50	-32

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	19
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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	+6
-20	+29
-35	-18
-15~+5	-4

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	-1
-15	-14
-30	-28
0~+25	+6

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

THIS COMPOUND N7058B CAN MEET ASTM D2000 M2CH710 A25 B14 EO15 EO35



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Test by:QC08