

TEST REPORT

MATERIAL : NBR 90 DURO HIGH STRENGTH 高拉力 COMPUND NO. : N9039B

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 拉力強度,min

ELONGATION, %延伸率 ,min

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

REQUIREMENT	TEST RESULT
90+/-5	93
10	13.7
100	143
	1.365

B)HEAT RESISTANCE @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力強度變化

LONGATION CHANGE, %延伸率變化

+15	+1
-20	-2
-40	-28

C)COMPRESSION SET 壓縮永久變形試驗

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	14
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS 耐 1# 油試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

-5~+15	+1
-25	+9
-45	-17
-10~+5	-3

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS 耐 3#油試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, %體積變化

0~-20	-5
-45	+2
-45	-23
0~+35	+7

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

THIS COMPOUND N9039B CAN MEET ASTM D2000 M6BG910 A14 B14 EO14 EO34 Z1

(Z1=HIGH STRENGTH)



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Test by:QC08