

TEST REPORT

MATERIAL : NBR 70 DURO RED LOW TEMP
COMPOUND NO. : N7063R
A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

HARDNESS, SHORE A 硬度

TENSILE,STRENGTH, MPa 拉力強度 ,min

ELONGATION, %延伸率 ,min

SPECIFIC GRAVITY 比重

REQUIREMENTS
TEST RESULTS

70+/-5	73
10	13.2
250	270
	1.411

B) HEAT AGING @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE CHANGE, % 拉力強度變化

ELONGATION CHANGE, .% 延伸率變化

+15	+2
-20	-2
-40	-5

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 DEGREE C X 22 HRS, %,max

25	20
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D)ASTM NO.1 OIL IMMERSION @100°C X70HRS 耐 1#油試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE CHANGE, % 拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

-5~+15	+0
-25	+10
-45	+4
-10~+5	+1

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

HARDNESS CHANGE, POINTS 硬度變化

TENSILE CHANGE, %拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

0~-15	-14
-45	-27
-45	-13
0~+35	+35

F)LOW TEMPERATURE BRITTLNESS 低溫脆性試驗

TESTS AFTER 3MIN AT -40 DEGREE C

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

以上測試是以試片試扣作測試,結果僅供參考

THIS COMPOUND N7063R CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34 F17

該支料可符合 ASTM D2000 M5BG710 A14 B14 EO14 EO34 F17

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

