

TEST REPORT

MATERIAL : NBR 70 DURO BLACK METAL BONDED COMPUND NO. : N7061B

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
70+/-5	71
11	15.5
250	389
	1.198

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

ELONGATION CHANGE, % 延伸率變化

0~+15	+3
-20	+29
-50	-16

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

HEAT AGING @ 100°C X70HRS ,max

25	13
50	

D)ASTM NO.1 OIL IMMERSION @ 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~+10	+2
-25	+13
-45	-12
-10~+5	-4

E)ASTM IRM 903 OIL IMMERSION @ 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

-10~+5	-7
-45	-5
-45	-18
0~+25	+16

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7061B CAN MEET HG/T 2811-1996(XA7453) OR ASTM D2000 M2BG710 A14
B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

