

TEST REPORT**MATERIAL : NBR 70 DURO HIGH STRENGTH COMPUND NO. : N7039B**

Test date:2016/09/28

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

ELONGATION, %延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5 72

14 16.5

250 339

1.267

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

+/-15 +3

+/-30 +4

-50 -9

C)COMPRESSION SET 壓縮永久變形

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°C X22HRS

25 11

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 +8

-25 +5

-45 -15

-10~+5 -8

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 -1

-45 -1

-45 -11

0~+25 +2

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7039B CAN MEET ASTM D2000 M2BG714 A14 B14 EO14 EO34

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Test by:QC08