

TEST REPORT

MATERIAL : NBR 70 DURO PRO

COMPOUND NO. :N7021B

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @130 DEGREE C X 3 HRS

HARDNESS ,SHORE A 硬度

TENSILE STRENGTH, MPa 拉力强度,min

ELONGATION, %延伸率,min

SPECIFIC GRAVITY, 比重

REQUIREMENTS	TEST RESULT
70±5	73
10	13.3
250	331
	1.250

B)B14 COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @120 DEGREE C X 1 HRS

HEAT AGING@100°CX22HRS ,max

25 11

C)A25 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, % 延伸变化率

0~+15 +9
-25 -10
-50 -35

D)EO14 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 +3
-20 +8
-35 -16
-15~+5 -5

E)EO34 ASTM IRM 903 OIL IMMERSION @125°CX70HRS 耐 3#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 -10
-15 -14
-30 -30
0~+25 +12

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7021B CAN MEET ASTM D2000 M2CH710 A25 B14 EO15 EO35 Z1
(Z1=PEROXIDE)



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08