

TEST REPORT

MATERIAL: NBR 70 DURO OZONE RESISTANCE

COMPOUND NO. :N7025B

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

HARDNESS, SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
70+/-5	74
17	20.1
300	321
	1.224

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+/-15	+3
+/-30	+3
-50	-7

C)COMPRESSION SET

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	6
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D)ASTM NO.1 OIL IMMERSION @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10	-2
-25	+0
-45	-12
-10~+5	-2

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~-+5	-6
-45	-14
-45	+17
0~+25	+7

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

THIS COMPOUND N7025B CAN MEET ASTM D2000 M2BG717 A14 B14 EO14 EO34 Z1

(Z1=OZONE RESISTANCE)



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08