

TEST REPORT

MATERIAL : NBR 60 DURO OZONE RESISTANCE COMPOUND NO. : N6025B

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 RESULTS
60+/-5	64
10	11
300	469
	1.283

B) HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, .%

+/- 15	+0
+/-30	-1
-50	-11

C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 12 MIN

POST CURE @ 120 DEGREE C X 1HR

HEAT AGING @ 100 DEGREE C X 22 HRS, % ,max

25	18
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10	+4
-25	+24
-45	-14
-10~+5	-6

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

HARDNESS CHANGE , POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5	-3
-45	+3
-45	-11
0~+25	+5

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

THIS COMPOUND N6025B CAN MEET ASTM D2000 M2BG610 A14 B14 EO14 EO34 Z1(Z1=OZONE)

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Test by:QC08

