

**TEST REPORT**

MATERIAL : NBR 70 DURO Electricity conductive      COMPOUND NO. : N7045B

**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

RESISTANCE VALUE,  $\Omega$

SPECIFIC GRAVITY

REQUIREMENTS      TEST RESULT

70+/- 5                      74

14                              18.5

250                             457

1.3x10<sup>4</sup>

1.142

**B) HEAT RESISTANCE @100°CX70HRS**

HARDNESS CHANGE, POINTS

+/-15                              +1

ENSILE CHANGE, %

+/-30                             -6

ELONGATION CHANGE, %

-50                                 -11

**C) COMPRESSION SET**

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 12 MIN

POST CURE @ 120 DEGREE C X 1 HR

HEAT AGING @ 100 DEGREE C X 22 HRS, % .MAX

25                                 10

**D)ASTM NO.1 OIL IMMERSION @100°CX70HRS**

HARDNESS CHANGE , POINTS

-5~+10                            +0

TENSILE STRENGTH CHANGE, %

-25                                 +1

ELONGATION CHANGE, %

-45                                 -2

VOLUME CHANGE, %

-10~+5                           +0

**E)ASTM NO.1 OIL IMMERSION @100°CX70HRS**

HARDNESS CHANGE , POINTS

-10~+5                            -7

TENSILE STRENGTH CHANGE, %

-45                                 -26

ELONGATION CHANGE, %

-40                                 -11

VOLUME CHANGE, %

0~+25                             +12

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

THIS COMPOUND N7045B CAN MEET ASTM D2000 M2BG714 A14 B14 EO14 EO34

Z1= ELECTRICITY CONDUCTIVE

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Test by:QC08

