

**TEST REPORT**

MATERIAL :HNBR80 DURO GREEN

COMPOUND NO:H8001G

**A) PHYSICAL PROPERTIES**

PRESS CURE @ 170DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1 HRS

HARDNESS SHORE A

TENSILE STRENGTH,MPa,min

ELONGATION,%,min

SPECIFIC GRAVITY

REQUIREMENTS

80+/-5

10

150

TEST RESULT

84

19.0

190

1.476

**B)HEAT AGING @ 150 DEGREE C X 70 HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10

-25

-30

+5

+5

-24

**C)COMPRESSION SET**

HEAT AGING @ 150 DEGREE CX 22 HRS %,max

30

19

**D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 150 DEGREE C X 70H**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10

-20

-30

+/-5

+3

+2

-1

-5

**E) FLUID RESISTANCE,TEST METHOD NO.3.oil @ 150 DEGREE C X 70H**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-15

-30

-30

+25

-3

-13

-12

+7

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND H8001G CAN MEET ASTM D2000 M3DH810 A26 B16 EO16 EO36

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08