

TEST REPORT

MATERIAL :HNBR60 DURO BLACK

COMPOUND NO:H6001B

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

60+/-5

14

2 5 0

TEST RESULT

64

28.3

4 4 7

1.134

B)HEAT AGING @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10

-15

-25

+2

-4

-11

C)COMPRESSION SET

HEAT AGING @ 150 DEGREE CX 22 HRS %,max

35

15

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHAGNE, %

VOLUME CHANGE, %

-5~+10

-20

-30

-10~+5

+1

+2

-11

-10

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHAGNE, %

VOLUME CHANGE, %

-15

-40

-30

+25

-7

-17

-12

+6

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

THIS COMPOUND H6001B CAN MEET ASTM D2000 M4DH614 A26 B36 EO16 EO36

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

