

TEST REPORT

MATERIAL :HNBR90 DURO RED

COMPOUND NO:H9001R

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

90+/-5

10

100

TEST RESULT

91

21.6

162

1.489

B)HEAT AGING @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE ,%

ELONGATION CHANGE ,%

+10

-15

-25

+1

+3

+42

C)COMPRESSION SET

HEAT AGING @ 150 DEGREE CX 22 HRS %,max

40

19

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

+2

+2

-7

-1

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE , %

VOLUME CHANGE, %

-15

-40

-30

+25

-8

-9

-7

+13

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND H9001R CAN MEET ASTM D2000 M4DH910 A26 B16 EO16 EO36



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Test by:QC08