

TEST REPORT

MATERIAL :HNBR70 DURO BLUE

COMPOUND NO:H7J01U

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN

POST CURE @ 150 DEGREE C X4 HRS

HARDNESS ,IRHD

TENSILE STRENGTH,MPa,min

ELONGATION ,%,min

SPECIFIC GRAVITY

REQUIREMENTS

TEST RESULT

70+/-5

74

10

18.9

200

314

1.332

B)HEAT AGING @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

+10

+5

TENSILE STRENGTH CHANGE ,%

-25

-8

ELONGATION CHANGE ,%

-30

-9

C)COMPRESSION SET

HEAT AGING @ 150 DEGREE CX 22 HRS % ,max

30

13

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

HARDNESS CHANGE, POINTS

-5~+10

+3

TENSILE STRENGTH CHANGE , %

-20

+14

ELONGATION CHAGNE, %

-30

+34

VOLUME CHANGE, %

+/-5

-3

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

HARDNESS CHANGE, POINTS

-15

-5

TENSILE STRENGTH CHANGE, %

-30

-9

ELONGATION CHANGE , %

-30

+4

VOLUME CHANGE, %

+25

+9

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

THIS COMPOUND H7J01U CAN MEET ASTM D2000 M3DH710 A26 B16 EO16 EO36 Z1(Z1=IRHD)