

TEST REPORT

MATERIAL :HNBR70 DURO BLUE

COMPOUND NO:H7001U

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

70+/- 5

10

2 0 0

TEST RESULT

75

15.9

3 5 8

1.354

B)HEAT AGING @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10

- 2 5

- 3 0

+1

+3

- 1 8

C)COMPRESSION SET

HEAT AGING @ 150 DEGREE C X 22 HRS %, max

30

13

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

- 2 0

- 3 0

+ / - 5

+1

+13

- 7

- 5

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

- 1 5

- 3 0

- 3 0

+ 2 5

- 7

- 1 2

- 1 7

+ 1 2

F)LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -41°C

NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND H7001U CAN MEET ASTM D2000 M3DH710 A26 B16 EO16 EO36 F17



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Test by:QC08