

TEST REPORT

MATERIAL :CR 70 DURO GRAY

COMPOUND NO:C7001A

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS ,SHORE A

TENSILE STRENGTH, Mpa min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENT TEST RESULT

70+/-5 72

3.0 5.8

200 333

1.682

B)HEAT AGING @ 100 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

+15 +2

-15 +10

-40 -7

C)COMPRESSION SET

HEAT AGING @ 100 DEGREE C X 22 HRS % ,max

35 27

D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 100 DEGREE C X 70H

HARDNESS CHANGE , points

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

+/-10 -13

-30 +12

-30 -6

-10~+15 +8

E) FLUID RESISTANCE,TEST METHOD NO.3.oil @ 100 DEGREE C X 70H

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

-60 -43

-50 -19

+100 +65

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

THIS COMPOUND C7001A CAN MEET ASTM D2000 M3BC703 A14 B14 EO14 EO34

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Test by:QC08