

TEST REPORT

MATERIAL :CR 70 DURO RED

COMPOUND NO:C7001R

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 70

3.0 6.5

200 358

1.686

B)HEAT AGING @ 100 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

+15 +3

-15 -8

-40 -11

C)COMPRESSION SET

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

35 12

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

HARDNESS CHANGE , points

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

+/-10 -10

-30 -9

-30 -4

-10~+15 +14

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

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

-60 -52

-50 -25

+100 +77

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C7001R CAN MEET ASTM D2000 M3BC703 A14 B14 EO14 EO34

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Test by:QC08