

TEST REPORT

MATERIAL :CR 90 DURO BLACK

COMPOUND NO:C9001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS SHORE A

TENSILE STRENGTH, Mpa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENT TEST RESULT

90+/-5 87

7.0 13.5

100 136

1.463

B)HEAT AGING @ 100 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

+15 +2

-15 -1

-40 -15

C)COMPRESSION SET

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

35 34

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

HARDNESS CHANGE , points

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

+/-10 -2

-30 +12

-30 -13

-10~+15 +3

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

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

-45 -33

-30 -29

+80 +42

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C9001B CAN MEET ASTM D2000 M4BC907 A14 B14 EO14 EO34

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Test by:QC08