

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



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08