

TEST REPORT

MATERIAL :CR 80 DURO BLACK

COMPOUND NO: C8001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS SHORE A

TENSILE STRENGTH, Mpa,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENT	TEST RESULT
80+/-5	80
10	14.4
100	149
	1.509

B)HEAT AGING @ 100 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

+15	+3
-15	-8
-40	-9

C)COMPRESSION SET

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

35	18
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D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 100 DEGREE C X 70H

HARDNESS CHANGE , points

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

+/- 10	-6
-30	+10
-30	-2
-10~+15	+6

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

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

-45	-38
-30	-6
+80	+54

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C8001B CAN MEET ASTM D2000 M4BC810 A14 B14 EO14 EO34



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08