

TEST REPORT

MATERIAL :CR60 DURO BLACK

COMPOUND NO:C6001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS SHORE A

TENSILE STRENGTH, Mpa ,min

ELONGATION, % ,min

MODULUS AT 100%,MPa

SPECIFIC GRAVITY

REQUIREMENT	TEST RESULT
60+/-5	64
10	12.0
350	394
	2.3
	1.533

B)HEAT AGING @ 100 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

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

C)COMPRESSION SET

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

35	28
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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	-2
-30	+0
-30	-10
-10~+15	-2

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

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

VOLUME CHANGE, %

-60	-47
-50	-24
+100	+54

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C6001B CAN MEET ASTM D2000 M2BC610 A14 B14 EO14 EO34

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Test by:QC08