

TEST REPORT

MATERIAL :CR 90 DURO WHITE

COMPOUND NO:C9001W

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	90+/-5	86
TENSILE STRENGTH, Mpa	7.0	16.9
ELONGATION, %	100	185
SPECIFIC GRAVITY		1.725

B)HEAT AGING @ 100 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS	+ 15	+ 5
TENSILE STRENGTH CHANGE , %	- 15	- 9
ELONGATION CHANGE , %	- 40	- 37

C)COMPRESSION SET

HEAT AGING @ 100 DEGREE C X 22 HRS %	35	30
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D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 100 DEGREE C X 70H

HARDNESS CHANGE , points	+/- 10	- 1
TENSILE STRENGTH CHANGE , %	- 30	- 14
ELONGATION CHANGE , %	- 30	- 28
VOLUME CHANGE, %	-10~+15	+ 5

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

TENSILE STRENGTH CHANGE , %	- 45	- 43
ELONGATION CHANGE , %	- 30	- 28
VOLUME CHANGE, %	+ 80	+ 67

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