

TEST REPORT

MATERIAL : NBR 50 DURO GRAY

COMPOUND NO. : N5001A

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	50+/-5	55
TENSILE STRETCH , MPa , min	7	12.9
ELONGATION , % , min	350	750
SPECIAL GRAVITY,		1.262
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+2
TENSILE STRETCH CHANGE , %	+ / - 30	- 11
ELONGATION CHANGE , %	- 50	- 16
C) COMPRESSION SET 100 DEGREE C X 70 HRS		
SET , % , max	25	20
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE , POINTS	- 5 ~ + 10	+ 0
TENSILE STRETCH CHANGE , %	- 25	+ 5
ELONGATION CHANGE , %	- 45	- 9
VOLUME CHANGE, %	-10~+5	-6
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE , POINTS	- 10 ~ + 5	- 7
TENSILE STRETCH CHANGE , %	- 45	- 10
ELONGATION CHANGE , %	- 45	- 12
VOLUME CHANGE, %	0~+25	+6

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N5001A CAN MEET ASTM D2000 M2BG507 A14 B14 EO14 EO34



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08