

TEST REPORT
MATERIAL :FDA NBR 40 DURO BLACK
COMPOUND NO. : N4011B

A)PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	40+/-5	40
TENSILE STRETCH, MPa ,min	3.0	3.1
E L O N G A T I O N , % , m i n	4 5 0	4 7 0
SPECIAL GRAVITY,		1.065
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+2
T E N S I L E S T R E T C H C H A N G E , %	- 2 0	- 3
E L O N G A T I O N C H A N G E , %	- 5 0	+ 3
C) COMPRESSION SET 100 DEGREE C X 70 HRS		
S E T , % , m a x	2 5	8
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS		
H A R D N E S S C H A N G E , P O I N T S	- 5 ~ + 1 5	+ 3
T E N S I L E S T R E T C H C H A N G E , %	- 2 5	+ 6 8
E L O N G A T I O N C H A N G E , %	- 4 5	+ 3 2
VOLUME CHANGE, %	-10~+5	+1
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS		
H A R D N E S S C H A N G E , P O I N T S	0 ~ - 1 5	- 6
T E N S I L E S T R E T C H C H A N G E , %	- 4 5	+ 0
E L O N G A T I O N C H A N G E , %	- 4 5	+ 1 8
VOLUME CHANGE, %	0~+35	+2

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N4011B CAN MEET ASTM D2000 M5BG403 A14 B14 EO14 EO34



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08