

**TEST REPORT**

MATERIAL : NBR 40 DURO BLUE

COMPOUND NO. : N4001U

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	40+/-5	41
TENSILE STRETCH, MPa, min	3	3.3
ELONGATION, %, min	450	882
SPECIAL GRAVITY,		1.299
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+1
TENSILE STRETCH CHANGE, %	+ / - 30	- 18
ELONGATION CHANGE, %	- 50	- 24
C) COMPRESSION SET 100 DEGREE C X 70 HRS		
SET, %, max	25	14
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	- 5 ~ + 10	+ 10
TENSILE STRETCH CHANGE, %	- 25	+ 55
ELONGATION CHANGE, %	- 45	+ 3
VOLUME CHANGE, %	-10~+5	-9
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	- 10 ~ + 5	+ 5
TENSILE STRETCH CHANGE, %	- 45	+ 15
ELONGATION CHANGE, %	- 45	+ 1
VOLUME CHANGE, %	0~+25	+3

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
 THIS COMPOUND N4001U CAN MEET ASTM D2000 M2BG403 A14 B14 EO14 EO34



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Test by:QC08