

**TEST REPORT**

MATERIAL : NBR 50 DURO BLUE

COMPOUND NO. : N5001U

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	50+/-5	54
TENSILE STRETCH, MPa,min	7	12.4
ELONGATION , % ,min	350	706
SPECIAL GRAVITY,		1.279
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+2
TENSILE STRETCH CHANGE , %	+ / - 30	- 4
ELONGATION CHANGE , %	- 50	- 5
C) COMPRESSION SET 100 DEGREE C X 70 HRS		
SET , % ,max	25	21
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	- 5 ~ + 10	+ 3
TENSILE STRETCH CHANGE , %	- 25	- 4
ELONGATION CHANGE , %	- 45	- 17
VOLUME CHANGE, %	-10~+5	-5
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	- 10 ~ + 5	- 3
TENSILE STRETCH CHANGE , %	- 45	- 13
ELONGATION CHANGE , %	- 45	- 16
VOLUME CHANGE, %	0~+25	+5

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
 THIS COMPOUND N5001U CAN MEET ASTM D2000 M2BG507 A14 B14 EO14 EO34

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