

TEST REPORT

MATERIAL : NBR 50 DURO BLACK

COMPOUND NO. : N5001B

A)PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	50+/-5	51
TENSILE STRETCH, MPa 拉力强度,min	8.0	11.6
E L O N G A T I O N , % , 延 伸 率 , m i n	3 5 0	6 3 6
SPECIFIC GRAVITY 比重		1.191
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS 老化试验		
HARDNESS CHANGE, POINTS 硬度变化	+/-15	+1
T E N S I L E S T R E T C H C H A N G E , % 拉 力 强 度 变 化 率 + / - 3 0		+ 2
E L O N G A T I O N C H A N G E , % 延 伸 率 变 化 率	- 5 0	- 1 0
C) COMPRESSION SET 100 DEGREE C X 22 HRS 压缩永久变形试验,max		
S E T , % , M A X	2 5	1 9
D) IRM901 OIL RESISTANCE @100 DEGREE C X 70 HRS 耐 901#油试验		
HARDNESS CHANGE, POINTS 硬度变化	- 5 ~ + 1 0	+ 3
T E N S I L E S T R E T C H C H A N G E , % 拉 力 强 度 变 化 率	- 2 5	+ 3 4
E L O N G A T I O N C H A N G E , % 延 伸 率 变 化 率	- 4 5	- 3
VOLUME CHANGE, % ,体积变化率	-10~+5	-10
E) IRM903 OIL RESISTANCE @100 DEGREE C X 70 HRS 耐 903#油试验		
HARDNESS CHANGE, POINTS 硬度变化	- 1 0 ~ + 5	- 9
T E N S I L E S T R E T C H C H A N G E , % 拉 力 强 度 变 化 率	- 4 5	- 4 3
E L O N G A T I O N C H A N G E , % 延 伸 率 变 化 率	- 4 5	- 4 1
VOLUME CHANGE, % 体积变化率	0~+25	+11

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N5001B CAN MEET ASTM D2000 M2BG508 A14 B14 EO14 EO34



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Test by:QC08