

TEST REPORT

MATERIAL :NBR90 DURO BLACK HIGH-LOW-LOW TEMPERATURE COMPOUND NO:N9064B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN

POST CURE @ 130 DEGREE C X 3 HRS

	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	90+/-5	88
TENSILE STRENGTH,MPa,min 拉力强度	10	16.2
ELONGATION,%,min 延伸率	100	165
SPECIFIC GRAVITY , 比重		1.289

B)HEAT AGING @ 100 DEGREE C X 70 HRS 老化试验

HARDNESS CHANGE , POINTS,硬度变化	0~+15	+2
TENSILE STRENGTH CHANGE ,%拉力强度变化率	-25	-15
ELONGATION CHANGE ,%延伸率变化率	-50	-46

C)COMPRESSION SET 压缩永久变形试验

HEAT AGING @ 125 DEGREE CX 22 HRS %,max	25	8
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D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 150 DEGREE C X 70H 耐 1#油试验

HARDNESS CHANGE, POINTS 硬度变化	0~+10	+1
TENSILE STRENGTH CHANGE , % 拉力强度变化率	-20	-11
ELONGATION CHAGNE, %延伸率变化率	-40	-20
VOLUME CHANGE, % 体积变化率	-15~+5	-1

E) FLUID RESISTANCE,TEST METHOD NO.3.oil @ 150 DEGREE C X 70H 耐 3#油试验

HARDNESS CHANGE, POINTS 硬度变化	+/-10	-10
TENSILE STRENGTH CHANGE, %拉力强度变化率	-35	-19
ELONGATION CHANGE , % 延伸率变化率	-35	+10
VOLUME CHANGE, % 体积变化率	+25	+21

F) LOW TEMPERATURE BRITTLINESS 低温脆性试验

TESTS AFTER 3MIN AT -40 DEGREE C	NONBRITTLE
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NOTE .THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N9064B CAN MEET ASTM D2000 M3CH910 A25 B14 EO16 EO36 F17

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Test by:QC08

