

TEST REPORT

MATERIAL : NBR 80 DURO LOW TEMP COMPOUND NO.:N8063B

A) PHYSICAL PROPERTIES

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@130 DEGREE C X 3 HRS

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	80+/-5	84
TENSILE, STRENGTH MPa.min 拉力强度	10.0	13.4
ELONGATION, %,min 延伸率	125	180
SPECIFIC GRAVITY 比重		1.268

B) COMPRESSION SET 压缩永久变形试验

CURING CONDITINS

PRESS CURE@170 DEGREE C X 20 MIN

POST CURE@130 DEGREE C X3 HRS

HEAT AGING@100 DEGREE C X 22 HRS,% ,max	25	13
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C)HEAT RESISTANCE @100°C X70HRS 老化试验

HARDNESS CHANGE, POINTS 硬度变化	+/-15	+2
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-20	+9
ELONGATION CHANGE, % 延伸率变化率	-40	-14

D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS 耐 1#油试验

HARDNESS CHANGE , POINTS 硬度变化	-5~+15	-2
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-10
ELONGATION CHANGE, %延伸率变化率	-45	-24
VOLUME CHANGE, %体积变化率	-10~+5	-2

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS 耐 903#油试验

HARDNESS CHANGE , POINTS 硬度变化	0~-20	-17
TENSILE STRENGTH CHANGE, %拉力强度变化率	-45	-41
ELONGATION CHANGE, %延伸率变化率	-45	-42
VOLUME CHANGE, %体积变化率	0~+35	+25

F) LOW TEMPERATURE BRITTLNESS 低温脆性试验

TESTS AFTER 3MIN AT -55 DEGREE C	NONBRITTLE
TR10	-40°C

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR EFERENCEONLY.
THIS COMPOUND N8063B CAN MEET ASTM D2000 M6BG810 A14 B14 EO14 EO34 F19
TEMPERATURE RANGE:-55°C~100°C

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