

TEST REPORT

MATERIAL : NBR 90 DURO GRAY COMPOUND NO. : N9001A

A) PHYSICAL PROPERTIES

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@120 DEGREE C X 1HR

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	90+/-5	92
TENSILE, STRENGTH MPa.min 拉力强度	7.0	10.6
ELONGATION, %,min 延伸率	100	133
SPECIFIC GRAVITY 比重		1.572

C)HEAT RESISTANCE @100°C X 70HRS 拉力强度

HARDNESS CHANGE, POINTS 硬度变化	+15	+1
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-20	+1
ELONGATION CHANGE, % 延伸率变化率	-40	-2

B)COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 12 MIN

POST CURE@120 DEGREE C X 1HR

HEAT AGING@100 DEGREE C X 22HRS.%,max	25	16
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D)ASTM NO.1 OIL IMMERSION @100°C X 70HRS 耐 1#油试验

HARDNESS CHANGE , POINTS 硬度变化	-5~+15	+0
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	+8
ELONGATION CHANGE, % 延伸率变化率	-45	-3
VOLUME CHANGE % 体积变化率	-10~+5	-2

E)ASTM IRM 903 OIL IMMERSION @100°C X 70HRS 耐 903#油试验

HARDNESS CHANGE , POINTS 硬度变化	0~20	-8
TENSILE STRENGTH CHANGE, %拉力强度变化率	-45	-8
ELONGATION CHANGE, % 延伸率变化率	-45	+18
VOLUME CHANGE, % 体积变化率	0~+35	+12

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N9001A CAN MEET ASTM D2000 M6BG907 A14 B72 B74 B734

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