

## TEST REPORT

MATERIAL : NBR 90 DURO RED    COMPOUND NO. : N9001R

**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	93
TENSILE, STRENGTH MPa.min 拉力强度	7.0	9.8
ELONGATION, %,min 延伸率	100	158
SPECIFIC GRAVITY 比重		1.557

**C)HEAT RESISTANCE @100°C X70HRS 拉力强度**

HARDNESS CHANGE, POINTS 硬度变化	+15	+0
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-20	-4
ELONGATION CHANGE, % 延伸率变化率	-40	-6

**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	20
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**D)ASTM NO.1 OIL IMMERSION @100°C X70HRS 耐 1#油试验**

HARDNESS CHANGE , POINTS 硬度变化	-5~+15	-1
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	-1
ELONGATION CHANGE, % 延伸率变化率	-45	-18
VOLUME CHANGE % 体积变化率	-10~+5	-1

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

HARDNESS CHANGE , POINTS 硬度变化	0~-20	-14
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-45	-11
ELONGATION CHANGE, % 延伸率变化率	-45	-1
VOLUME CHANGE, % 体积变化率	0~+35	+13

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
 THIS COMPOUND N9001R CAN MEET ASTM D2000 M6BG907 A14 B14 EO14 EO34