

TEST REPORT

MATERIAL : NBR 90 DURO BLUE COMPOUND NO. : N9001U

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	90
TENSILE, STRENGTH MPa.min 拉力强度	7.0	9.0
ELONGATION, %,min 延伸率	100	209
SPECIFIC GRAVITY 比重		1.598

C)HEAT RESISTANCE @100°CX70HRS 拉力强度

HARDNESS CHANGE, POINTS 硬度变化	+15	+2
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-20	+17
ELONGATION CHANGE, % 延伸率变化率	-40	-10

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	24
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D)ASTM NO.1 OIL IMMERSION @100°CX70HRS 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	+19
ELONGATION CHANGE, % 延伸率变化率	-45	+9
VOLUME CHANGE % 体积变化率	-10~+5	-1

E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS 耐 903#油试验

HARDNESS CHANGE , POINTS 硬度变化	0~-20	-7
TENSILE STRENGTH CHANGE, %拉力强度变化率	-45	+2
ELONGATION CHANGE, % 延伸率变化率	-45	-15
VOLUME CHANGE, % 体积变化率	0~+35	+10

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N9001U CAN MEET ASTM D2000 M6BG907 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

