

TEST REPORT

MATERIAL : FDA NBR 90 DURO WHITE COMPOUND NO. : N9011W

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	87
TENSILE, STRENGTH MPa,min 拉力强度	7.0	8.3
ELONGATION, %,min 延伸率	100	198
SPECIFIC GRAVITY 比重		1.61

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	+2
ELONGATION CHANGE, % 延伸率变化率	-40	-5

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	21
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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	+2
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	+13
ELONGATION CHANGE, % 延伸率变化率	-45	+0
VOLUME CHANGE % 体积变化率	-10~+5	+0

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS 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	-2
ELONGATION CHANGE, % 延伸率变化率	-45	+6
VOLUME CHANGE, % 体积变化率	0~+35	+10

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N9011W CAN MEET ASTM D2000 M6BG907 A14 B14 EO14 EO34

2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.

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