

## TEST REPORT

MATERIAL : FDA SIL60 DURO WHITE

COMPOUND NO. :S6011W

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A 硬度

TENSILE STRENGTH, MPa,min 拉力强度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENTS	TEST RESULT
60+/-5	61
6.0	6.5
200	207
	1.215

**B) HEAT RESISTANCE @225 DEGREE C X 70 HRS 老化试验**

HARDNESS CHANGE, PTS 硬度变化

TENSILE STRENGTH CHANGE, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

+10	+3
-25	-3
-30	-27

**C)COMPRESSION SET:压缩永久变形试验**

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS,max

25	15
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**D)WATER RESISTANCE @100 DEGREE C X70 HRS 耐水试验**

HARDNESS CHANGE,POINTS 硬度变化

VOLUME CHANGE,% 体积变化率

+/-5	+4
+/-5	+5

**E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS 耐 1#油试验**

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANG, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, % 体积变化率

0~-15	-7
-20	-4
-20	-11
0~+10	+8

**F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS 耐 3#油试验**

HARDNESS CHANGE, PTS 硬度变化

VOLUME CHANGE, % 体积变化率

-30	-18
+60	+42

**G) LOW TEMPERATURE BRITTLENESS 低温脆性试验**

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S6011W CAN MEET ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19

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