

TEST REPORT

MATERIAL : FDA SIL60 DURO RED

COMPOUND NO. :S6011R

A)PHYSICAL PROPERTIES 基本物性

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	60+/-5	62
TENSILE STRENGTH, MPa 拉力強度, min	6.0	7.9
ELONGATION, % 延伸率,min	200	246
SPECIFIC GRAVITY 比重		1.217

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE, PTS 硬度變化	+10	+1
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	-13
ELONGATION CHANGE, % 延伸率變化	-30	-29

C)COMPRESSION SET:壓縮永久變形試驗

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS ,max	25	17
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D)WATER RESISTANCE @100 DEGREE C X70 HRS 耐水試驗

HARDNESS CHANGE,POINTS 硬度變化	+/-5	+3
VOLUME CHANGE,% 體積變化	+/-5	+5

E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS 耐 1# 油試驗

HARDNESS CHANGE, POINTS 硬度變化	0~-15	-4
TENSILE STRENGTH CHANG, % 拉力強度變化	-20	-13
ELONGATION CHANGE, % 延伸率變化	-20	-11
VOLUME CHANGE, % 體積變化	0~+10	+7

F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS 耐 3# 油試驗

HARDNESS CHANGE, PTS 硬度變化	-30	-15
VOLUME CHANGE, % 體積變化	+60	+42

G) LOW TEMPERATURE BRITTLINESS 耐低溫試驗

TESTS AFTER 3MIN AT -55 DEGREE C NONBRITTLE

NOTE:1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S6001R CAN MEET ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19
2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY
APPROVAL OR CERTIFICATION.