

TEST REPORT

MATERIAL : SIL60 DURO RED COMPOUND NO. :S6001R

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	6.9
ELONGATION, % 延伸率,min	200	249
SPECIFIC GRAVITY 比重		1.219

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

HARDNESS CHANGE, PTS 硬度變化	+10	+0
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	-7
ELONGATION CHANGE, % 延伸率變化	-45	-39

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	11
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D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS 耐 1# 油試驗

HARDNESS CHANGE, POINTS 硬度變化	0~-15	-6
TENSILE STRENGTH CHANGE, % 拉力強度變化	-20	+4
ELONGATION CHANGE, % 延伸率變化	-20	-19
VOLUME CHANGE, % 體積變化	0~+10	+7

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

HARDNESS CHANGE, PTS 硬度變化	-30	-16
VOLUME CHANGE, % 體積變化	+60	+45

F) LOW TEMPERATURE BRITTLINESS 耐低溫試驗

ASTM D2137

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

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

THIS COMPOUND S6001R CAN MEET ASTM D2000 M5GE606 A19 B37 EO16 EO36 F19 Z1

(Z1= HEAT RESISTANCE ELONGATION CHANGE -45%)

以上測試結果僅供參考，該資料可符合 ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19 標準

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