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TEST REPORT

MATERIAL : SIL60 DURO BLACK FLAME RESISTANCE**COMPOUND NO. :S6052B****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	63
TENSILE STRENGTH, M P a 拉力強度, min	5.0	5.9
ELONGATION, % 延伸率,min	200	250
SPECIFIC GRAVITY 比重		1.389

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	+22
ELONGATION CHANGE, % 延伸率變化	-30	-18

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	16
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D) WATER RESISTANCE @100 DEGREE C X 70 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	-9
TENSILE STRENGTH CHANG, % 拉力強度變化	-20	+7
ELONGATION CHANGE, % 延伸率變化	-20	+22
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	-21
VOLUME CHANGE, % 體積變化	+60	+43

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S6052B CAN MEET ASTM D2000 M5GE605 A19 B37 EA14 EO16 EO36 Z1
(Z1=FLAME RESISTANCE)

以上測試結果僅供參考，該支料可符合 ASTM D2000 M5GE605 A19 B37 EA14 EO16 EO36 標準

QA Manager: Grace Chen**QC.Dept:Dolly Zhou****Test by:QC08**