

TEST REPORT

MATERIAL SIL70 DURO CLEAR COMPOUND NO.S7001C

A) PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	70+/-5	71
TENSILE STRENGTH, MPa 拉力強度, min	6.0	8.8
ELONGATION, % 延伸率 min	150	228
SPECIFIC GRAVITY 比重		1.223

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	-15
ELONGATION CHANGE, % 延伸率變化	-30	-12

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	9
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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	-11
TENSILE STRENGTH CHANG, % 拉力強度變化	-20	-3
ELONGATION CHANGE, % 延伸率變化	-20	-20
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	-28
VOLUME CHANGE, % 體積變化	+60	+42

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S7001C CAN MEET ASTM D2000 M5GE706 A19 B37 EO16 EO36

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Test by:QC08