



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL:FDA SIL70 DURO CLEAR COMPOUND NO.S7011C

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	74
TENSILE STRENGTH, MPa 拉力強度, min	6.0	8.9
ELONGATION, % 延伸率 min	150	228
SPECIFIC GRAVITY 比重		1.212

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

HARDNESS CHANGE, PTS 硬度變化	+10	+2
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	-15
ELONGATION CHANGE, % 延伸率變化	-30	-9

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	-8
TENSILE STRENGTH CHANG, % 拉力強度變化	-20	-2
ELONGATION CHANGE, % 延伸率變化	-20	+18
VOLUME CHANGE, % 體積變化	0~+10	+8

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

HARDNESS CHANGE, PTS 硬度變化	-30	-26
VOLUME CHANGE, % 體積變化	+60	+41

NOTE:1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S7011C CAN MEET ASTM D2000 M5GE706 A19 B37 EO16 EO36

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