



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :FDA SIL70 DURO BLACK COMPOUND NO. S7011B

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS PTS

TENSILE STRENGTH, MPa, min

ELONGATION, %, min

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
70+/-5	73
5 . 0	7 . 2
1 5 0	2 0 1
	1.306

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+ 1 0	+ 4
- 2 5	+ 0
- 3 0	- 2 8

C)COMPRESSION SET:

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS,max

30	18
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E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANG, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-6
- 2 0	- 9
-20	+14
0~+15	+6

F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

- 4 0	- 2 2
+ 6 0	+ 3 7

G) LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

NOTE:1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCEONLY

THIS COMPOUND S7011B CAN MEET ASTM D2000 M7GE705 A19 B37 EO16 EO36 F19 Z1(Z1=FDA)

2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY

APPROVAL OR CERTIFICATION.



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08