



**ESCORT SEAL**

The Manufacturer of Sealing Parts

Escort Seal (Shanghai) Co., Ltd  
NO.205 .Jiangtian RD(E).,Songjiang ,  
Shanghai China  
POSTAL CODE: 201613  
Tel: (021)57747878  
Fax (021)57747979  
Website: http://www.seal.com.tw

**TEST REPORT**

MATERIAL SIL70 DURO BLUE COMPOUND NO. S7001U

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A

TENSILE STRENGTH , M P a , m i n

ELONGATION , % , m i n

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
70+/-5	69
5 . 0	7 . 5
1 5 0	2 3 2
	1.227

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE , PTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

+ 1 0	+ 1
- 2 5	+ 5
- 3 0	- 7

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	15
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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	-17
0~+15	+6

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

HARDNESS CHANGE , PTS

VOLUME CHANGE , %

- 4 0	- 2 0
+ 6 0	+ 4 1

G) LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S7001U CAN MEET ASTM D2000 M7GE705 A19 B37 EO16 EO36 F19



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08