



**ESCORT SEAL**

*The Manufacturer of Sealing Parts*

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**TEST REPORT**

**MATERIAL : SIL 40 DURO CLEAR**

**COMPOUND NO. S4001C**

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN

POST CURE @200 DEGREE C X 4 HRS

HARDNESS,SHORE A

TENSILE STRENGTH, MPA

ELONGATION, %

SPECIFIC GRAVITY

REQUIREMENT	TEST RESULT
40+/-5	44
6.0	7.1
300	412
	1.102

**B) HEAT RESISTANCE @225 DEGREE C X 70 HRS**

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+5
-25	-25
-25	-22

**C) COMPRESSION SET**

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 20 MIN

POST CURE@200 DEGREE C X 4 HRS

HEAT AGING@ 175 DEGREE C X 22HRS, %

25	15
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**D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-10	-7
-30	-13
-20	+0
0~+15	+8

**E) ASTM NO. 3 OIL @ 150 DEGREE C X 70 HRS**

VOLUME CHANGE, %

+60	+53
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NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND S4001C CAN MEET ASTM D2000 M8GE406 A19 B37 EO16 EO36

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

