



**ESCORT SEAL**

*The Manufacturer of Sealing Parts*

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## TEST REPORT

MATERIAL : SIL80 DURO CLEAR      COMPOUND NO. S8001C

### A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	80+/-5	84
TENSILE STRENGTH, MPa, min	6.0	7.5
ELONGATION, %,min	100	126
SPECIFIC GRAVITY		1.215

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

HARDNESS CHANGE, PTS	+10	+0
TENSILE STRENGTH CHANGE, %	-25	-25
ELONGATION CHANGE, %	-30	-29

### 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	25	12
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### D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS	0~-15	-8
TENSILE STRENGTH CHANG, %	-20	-3
ELONGATION CHANGE, %	-20	-4
VOLUME CHANGE, %	0~+10	+8

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

HARDNESS CHANGE, PTS	-30	-25
VOLUME CHANGE, %	+60	+39

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S8001C CAN MEET ASTM D2000 M5GE806 A19 B37 EO16 EO36

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Test by:QC08