



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : SIL80 DURO WHITE COMPOUND NO. S8001W

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A

TENSILE STRENGTH, MPa, min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
80+/-5	84
6 . 0	7 . 6
100	112
	1.414

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+0
-25	-7
-30	-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

25	22
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D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANG, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-6
-20	+0
-20	+7
0~+10	+6

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

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

-30	-17
+60	+31

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S8001W CAN MEET ASTM D2000 M5GE806 A19 B37 EO16 EO36

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08