



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : SIL60 DURO WHITE

COMPOUND NO. :S6001W

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
60+/-5	62
6.0	7.0
200	211
	1.215

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+0
-25	-3
-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	14
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D)WATER RESISTANCE @100 DEGREE C X70 HRS

HARDNESS CHANGE,POINTS

VOLUME CHANGE,%

+/-5	+4
+/-5	+5

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANG, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-8
-20	-4
-20	-9
0~+10	+9

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

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

-30	-17
+60	+45

G) LOW TEMPERATURE BRITTLENESS

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCEONLY
THIS COMPOUND S6001W CAN MEET ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

