



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 SIL60 DURO RED HIGH TEMP

COMPOUND NO.S6062R

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS PTS

TENSILE STRENGTH, MPa

ELONGATION, %

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
60+/-5	63
6.0	8.9
2.00	3.33
	1.144

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+3
-25	-9
-30	-19

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

HEAT AGING @150 DEGREE C X 70 HRS

25	15
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D) WATER RESISTANCE, TESTS @100°C X 70HRS

HARDNESS CHANGE, POINTS

VOLUME CHANGE, %

+/-5	-1
+/-5	+0

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	-5
0~+10	+8

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

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

-30	-22
+60	+48

G)LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -64 DEGREE C

PASS	NONBRITTLE
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NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY

THIS COMPOUND S6062R CAN MEET ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19 Z1(Z1=HIGH TEMP)

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08