



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 : NBR 60 BLACK LOW TEMPERATURE COMPOUND NO. : N6063B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

	REQUIREMENTS	TEST RESULTS
HARDNESS, SHORE A	60+/-5	64
TENSILE,STRENGTH, MPa ,min	10	18.4
ELONGATION, %,min	300	445
SPECIFIC GRAVITY		1.183

B) HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS	+/- 15	+1
TENSILE CHANGE, %	+/-30	+2
ELONGATION CHANGE, .%	-50	-7

C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 12 MIN

POST CURE @ 120 DEGREE C X 1 HR

HEAT AGING @ 100 DEGREE C X 22 HRS, % ,max	25	7
--	----	---

D)ASTM NO.1 OIL IMMERSION @100°C X70HRS

HARDNESS CHANGE , POINTS	-5~+10	+3
TENSILE CHANGE, %	-25	+9
ELONGATION CHANGE, %	-45	-11
VOLUME CHANGE, %	-10~+5	-5

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS

HARDNESS CHANGE , POINTS	-10~+5	-7
TENSILE CHANGE, %	-45	-8
ELONGATION CHANGE, %	-45	-16
VOLUME CHANGE, %	0~+25	+11

F) LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -55 DEGREE C NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N6063B CAN MEET ASTM D2000 M2BG610 A14 B14 EO14 EO34 F19

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08