



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 50 DURO WITH TEFLON COMPOUND NO. : N5046B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 150 DEGREE C X 1 HR

HARDNESS , SHORE A

TENSILE STRENGTH, MPa, MIN

ELONGATION, %,MIN

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
50+/- 5	54
8. 0	9. 9
350	542
	1.21

B) HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

ENSILE CHANGE, %

ELONGATION CHANGE, %

+/-15	+0
+/-30	+0
-50	-4

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	12
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10	+3
-25	+34
-45	+4
-10~+5	-8

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5	-10
-45	-7
-45	-4
0~+25	+13

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

THIS COMPOUND N5046B CAN MEET ASTM D2000 M2BG508 A14 B14 EO14 EO34 Z1

Z1=WITH TEFLON

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08