



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 : FDA NBR 50 DURO BLACK

COMPOUND NO. : N5011B

A)PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	50+/-5	53
TENSILE STRETCH, MPa ,min	8.0	10.4
E L O N G A T I O N , % , m i n	3 5 0	4 9 0
SPECIFIC GRAVITY		1.195
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+2
T E N S I L E S T R E T C H C H A N G E , %	+ / - 3 0	+ 1 1
E L O N G A T I O N C H A N G E , %	- 5 0	- 1
C) COMPRESSION SET 100 DEGREE C X 70 HRS		
SET , % ,max	25	12
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS		
H A R D N E S S C H A N G E , P O I N T S	- 5 ~ + 1 0	+ 3
T E N S I L E S T R E T C H C H A N G E , %	- 2 5	+ 3 0
E L O N G A T I O N C H A N G E , %	- 4 5	+ 3
VOLUME CHANGE, %	-10~+5	-10
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS		
H A R D N E S S C H A N G E , P O I N T S	- 1 0 ~ + 5	- 1 0
T E N S I L E S T R E T C H C H A N G E , %	- 4 5	- 1 8
E L O N G A T I O N C H A N G E , %	- 4 5	- 1 3
VOLUME CHANGE, %	0~+25	+14

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N5011B CAN MEET ASTM D2000 M5BG508 A14 B14 EO14 EO34 Z1(Z1=FDA)
2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY
APPROVAL OR CERTIFICATION.

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08