



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 : FKM 65 DURO BROWN COMPOUND NO. V6501N

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENT	TEST RESULT
HARDNESS, SHORE A	65+/-5	62

TENSILE STRENGTH, MPa, MIN	7.0	10.9
----------------------------	-----	------

ELONGATION, %, MIN	175	368
--------------------	-----	-----

SPECIFIC GRAVITY		1.925
------------------	--	-------

B)HEAT AGING @250 DEGREE C X 70 HRS.

HARDNESS CHANGE, POINTS	+ 10	+ 1
-------------------------	------	-----

TENSILE STRENGTH CHANGE, %	-25	+17
----------------------------	-----	-----

ELONGATION CHANGE, %	-25	-1
----------------------	-----	----

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @175 DEGREE C X 22 HRS, % , MAX	50	8
--	----	---

D) FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS	+/- 5	-2
-------------------------	-------	----

TENSILE STRENGTH CHANGE, %	-25	-9
----------------------------	-----	----

ELONGATION CHANGE, %	-20	+1
----------------------	-----	----

VOLUME CHANGE, %	0~+10	+2
------------------	-------	----

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V6501N CAN MEET ASTM D2000 M2HK707 A1-10 B37 EF31

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08