



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FKM 75 BROWN

COMPOUND NO. : V7506N

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A

TENSILE STRENGTH, Mpa,min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENTS

TEST RESULT

75+/-5

75

7.0

11.6

150

196

2.067

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

HARDNESS CHANGE, POINTS

+10

+3

TENSILE STRENGTH CHANGE, %

-25

+2

ELONGATION CHANGE, %

-25

-17

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

6

D)FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

+/-5

-2

TENSILE STRENGTH CHANGE, %

-25

-12

ELONGATION CHANGE, %

-20

-8

VOLUME CHANGE, %

0~+10

+2

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.
THIS COMPOUND V7506N CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08