

TEST REPORT

MATERIAL : FKM 75 PURPLE

COMPOUND NO. V7501P

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

77

7.0

13

150

177

2.057

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

HARDNESS CHANGE, POINTS

+10

+2

TENSILE STRENGTH CHANGE, %

-25

+13

ELONGATION CHANGE, %

-25

+28

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

-13

ELONGATION CHANGE, %

-20

+13

VOLUME CHANGE, %

0~+10

+2

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.
THIS COMPOUND V7501P CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31

QA Manager: Grace Chen**QC.Dept:Dolly Zhou****Test by:QC08**