

TEST REPORT

MATERIAL : FKM 75 BLUE

COMPOUND NO. V7501U

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

7.4

150

226

2.004

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

HARDNESS CHANGE, POINTS

+10

+2

TENSILE STRENGTH CHANGE, %

-25

+6

ELONGATION CHANGE, %

-25

-24

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

14

D)FUEL OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

+/- 5

-3

TENSILE STRENGTH CHANGE, %

-25

-23

ELONGATION CHANGE, %

-20

-10

VOLUME CHANGE, %

0 ~ +10

+4

NOTE: 1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.

THIS COMPOUND V7501U CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31

2. TEMPERATURE RANGE:-15℃~230℃ ,THIS TEMPERATURE IS SUITABLE FOR USE IN HEAT AIR AGING, OTHER MEDIUM DO NOT APPLY.



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08