

TEST REPORT

MATERIAL : FKM 75 WHITE

COMPOUND NO. V7501W

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

79

7.0

12.7

150

155

2.074

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

HARDNESS CHANGE, POINTS

+10

+4

TENSILE STRENGTH CHANGE, %

-2.5

+3.4

ELONGATION CHANGE, %

-2.5

+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

9

D)FUEL OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

+/- 5

+0

TENSILE STRENGTH CHANGE, %

-2.5

-6

ELONGATION CHANGE, %

-2.0

+4

VOLUME CHANGE, %

0 ~ +1.0

+2

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V7501W CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31



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Test by:QC08