

TEST REPORT

MATERIAL : FKM 75 GRAY COMPOUND NO. V7501A

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

75 +/- 5

7.0

150

TEST RESULT

7.6

12.6

194

2.01

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10

-2.5

-2.5

+2

+5

-14

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

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/- 5

-2.5

-2.0

0 ~ +1.0

-3

-24

-1.9

+4

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

THIS COMPOUND V7501A CAN MEET ASTM D2000 M2HK807 A1-10 B37 B38 EF31 Z1(Z1=RED COLOR)



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Test by:QC08