

TEST REPORT

MATERIAL : FKM 75 RED WITH SIL OIL
COMPOUND NO. V7542R
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

74

10

12.2

150

239

1.988

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

HARDNESS CHANGE, POINTS

+10

+3

TENSILE STRENGTH CHANGE, %

-25

+8

ELONGATION CHANGE, %

-25

-25

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 C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

+/-5

-4

TENSILE STRENGTH CHANGE, %

-25

-24

ELONGATION CHANGE, %

-20

-8

VOLUME CHANGE, %

0 ~ +10

+4

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

THIS COMPOUND V7542R CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 Z1(WITH SIL OIL)


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