

TEST REPORT

MATERIAL : FKM 75 BROWN ELECTRICITY CONDUCTIVE COMPOUND NO. : V7545B

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN(TEST SHEET)

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A

TENSILE STRENGTH, Mpa,min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENTS

TEST RESULT

75+/-5

80

10

10.2

150

151

1.786

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

HARDNESS CHANGE, POINTS

+10

+4

TENSILE STRENGTH CHANGE, %

-25

+12

ELONGATION CHANGE, %

-25

-25

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING@ 175 DEGREE C X 22 HRS, % ,max

50

12

D)FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

+/-5

-1

TENSILE STRENGTH CHANGE, %

-25

-8

ELONGATION CHANGE, %

-20

-10

VOLUME CHANGE, %

0~+10

+3

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

THIS COMPOUND V7545B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 Z1(Z1=ELECTRICITY CONDUCTIVE)



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