

TEST REPORT

MATERIAL : FKM 75 BROWN

COMPOUND NO. : V7506N

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 | 75 |
| 7.0 | 11.6 |
| 150 | 196 |
| | 2.067 |

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

| | |
|-----|-----|
| +10 | +3 |
| -25 | +2 |
| -25 | -17 |

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 |
| -25 | -12 |
| -20 | -8 |
| 0~+10 | +2 |

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.
THIS COMPOUND V7506N CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08