

## TEST REPORT

MATERIAL : FKM 90 RED      COMPOUND NO. : V9001R

**A)PHYSICAL PROPERTIES:**

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A 硬度

TENSILE STRENGTH, MPa 拉力強度,min

ELONGATION, % 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
90+/-5	89
10.0	15.5
100	139
	2.069

**B)HEAT AGING @250 DEGREE C X 70 HRS.老化試驗**

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

ELONGATION CHANGE, % 延伸率變化

+10	+3
-25	+3
-25	-23

**C)COMPRESSION SET 壓縮永久變形試驗**

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

30	9
----	---

**D) FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 試驗**

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, % 延伸率變化

VOLUME CHANGE, % 體積變化

+/- 5	-2
-25	-24
-20	-9
0~+10	+3

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

THIS COMPOUND V9001R CAN MEET ASTM D2000 M3HK910 A1-10 B37 EF31 Z1

(Z1= RED COLOR)

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

