

**TEST REPORT**

MATERIAL : FKM 75 RED BLACK TEFLON POWDER      COMPOUND NO. V7546B

**A)PHYSICAL PROPERTIES:**

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENTS	TEST RESULT
HARDNESS, SHORE A 硬度	75 +/- 5	79
TENSILE STRENGTH, Mpa,min 拉力强度	10	13.5
ELONGATION, %,min 延伸率	150	262
SPECIFIC GRAVITY 比重		1.856

**B)HEAT AGING @250 DEGREE C X 70 HRS.老化试验**

HARDNESS CHANGE, POINTS 硬度变化	+10	+2
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	+15
ELONGATION CHANGE, %延伸率变化率	-25	-13

**C)COMPRESSION SET 压缩永久变形试验**

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	8
--	----	---

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

HARDNESS CHANGE, POINTS 硬度变化	+/- 5	-1
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-15
ELONGATION CHANGE, %延伸率变化率	-20	-3
VOLUME CHANGE, %体积变化率	0 ~ +10	+2

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

THIS COMPOUND V7546B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 Z1(WITH TEFLON POWDER)

**QA Manager: Grace Chen****QC.Dept:Dolly Zhou****Test by:QC08**