

TEST REPORT

MATERIAL : FKM 75 RED BROWN TEFLON POWDER

COMPOUND NO. V7546N

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	80
TENSILE STRENGTH, Mpa,min 拉力强度	10	11.2
ELONGATION, %,min 延伸率	150	283
SPECIFIC GRAVITY 比重		2.081

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

HARDNESS CHANGE, POINTS 硬度变化	+10	+4
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	+9
ELONGATION CHANGE, % 延伸率变化率	-25	-24

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	11
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D)FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 试验

HARDNESS CHANGE, POINTS 硬度变化	+/- 5	+3
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	-18
ELONGATION CHANGE, % 延伸率变化率	-20	-4
VOLUME CHANGE, % 体积变化率	0 ~ +10	+4

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

THIS COMPOUND V7546N CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 Z1(WITH TEFLON POWDER)


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