

TEST REPORT

MATERIAL : FKM 75 BROWN (Fluorine conten 66%) COMPOUND NO. : V7501N

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	74
TENSILE STRENGTH, Mpa 拉力強度,min	10	10.8
ELONGATION, % 延伸率 ,min	150	265
SPECIFIC GRAVITY 比重		2.026

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

HARDNESS CHANGE, POINTS 硬度變化,,max	+10	+1
TENSILE STRENGTH CHANGE, % 拉力強度變化, max	-25	+5
ELONGATION CHANGE, % 延伸率變化, max	-25	-10

C)COMPRESSION SET 壓縮永久變形試驗

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	6
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D)FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 試驗

HARDNESS CHANGE, POINTS 硬度變化	+/-5	-4
TENSILE STRENGTH CHANGE, % 拉力強度變化, max	-25	-15
ELONGATION CHANGE, % 延伸率變化, max	-20	+7
VOLUME CHANGE, % 體積變化	0~+10	+4

E) LOW TEMPERATURE BRITTLINESS 耐低溫試驗

TESTS AFTER 3MIN AT -20 DEGREE C NONBRITTLE

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR FERENCE ONLY.
THIS COMPOUND V7501N CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31
以上使用試片試扣的測試僅供參考,該支料可符合 ASTM D2000 M2HK810 A1-10 B37
EF31 標準.TEMPERATURE RANGE:-20°C~200°C

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