

TEST REPORT

MATERIAL : FKM 75 BLACK COMPOUND NO. : V7501B

Test date:2023/03/17

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENT	TEST RESULT
HARDNESS, SHORE A 硬度	75+/-5	77
TENSILE STRENGTH, MPa,拉力强度,min	10.0	12.3
ELONGATION, % 延伸率,min	150	184
SPECIFIC GRAVITY 比重		1.816

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

HARDNESS CHANGE, POINTS 硬度变化	+10	+5
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	+9
ELONGATION CHANGE, % 延伸率变化率	-25	-11

C)COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS 加硫条件

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	12
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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	-25	+2
ELONGATION CHANGE, % 延伸率变化率	-20	+7
VOLUME CHANGE, % 体积变化率	0~+10	+4

E) LOW TEMPERATURE BRITTLINESS 耐低温试验(脆性温度)

TESTS AFTER 3MIN AT -20 DEGREE C NONBRITTLE

NOTE: .THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND V7501B CAN MEET ASTM D2000 M2HK810 A1-10 B37

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