

TEST REPORT

MATERIAL : FKM 90 PURPLE COMPOUND NO. : V9001P

TEST DATE:2019/06/04

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,min 拉力強度

ELONGATION, % ,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
90+/-5	88
10.0	13.4
100	169
	2.10

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, % 延伸率變化率

+10	+3
-25	+8
-25	-25

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	10
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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

TENSILE STRENGTH CHANGE, % 拉力強度變化率

ELONGATION CHANGE, % 延伸率變化率

VOLUME CHANGE, % 體積變化率

+/-5	-3
-25	-17
-20	+11
0~+10	+5

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V9001P CAN MEET ASTM D2000 M3HK910 A1-10 B37 EF31

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