

TEST REPORT

MATERIAL : FKM 70 DURO BLACK COMPOUND NO. V7001B

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	70+/-5	73
TENSILE STRENGTH, MPa, 拉力強度 min	10	13.0
ELONGATION, % 延伸率,min	175	218
SPECIFIC GRAVITY 比重		1.820

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

HARDNESS CHANGE, POINTS 硬度變化	+ 10	+ 0
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	-1
ELONGATION CHANGE, % 延伸率變化	-25	-19

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	50	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	+/- 5	-5
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	-15
ELONGATION CHANGE, % 延伸率變化	-20	-4
VOLUME CHANGE, % 體積變化	0~+10	+5

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

THIS COMPOUND V7001B CAN MEET ASTM D2000 M2HK710 A1-10 B37 EF31

TEMPERATURE RANGE:-20°C~200°C



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Test by:QC08