

TEST REPORT

MATERIAL :VT 75 BLACK GLT COMPOUND NO. : V7593B

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 拉力強度 ,min

ELONGATION, %延伸率 ,min

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
75+/-5	80
10	19.1
175	269
	1.797

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

ELONGATION CHANGE, % 延伸率變化

+10	+0
-25	-25
-25	+14

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	18
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D) FUEL 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

ELONGATION CHANGE, % 延伸率變化

VOLUME CHANGE, % 體積變化

+/- 5	-5
-25	-8
-20	+0
0~+10	+6

E) LOW TEMPERATURE BRITTLENESS 耐低溫試驗

TESTS AFTER 3MIN AT -33.3 DEGREE C

TR 10

NONBRITTLE
-30°C

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V7593B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 F16

QA Manager: Grace Chen**QC.Dept:Dolly Zhou****Test by:QC08**