

TEST REPORT

MATERIAL :VT 75 BLUE GLT COMPOUND NO. : V7593U

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	74
TENSILE STRENGTH, MPa 拉力強度 ,min	10	10.4
ELONGATION, %延伸率 ,min	175	442
SPECIFIC GRAVITY 比重		2.003

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

HARDNESS CHANGE, POINTS 硬度變化	+ 10	+ 5
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	-12
ELONGATION CHANGE, % 延伸率變化	-25	-16

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 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	-21
ELONGATION CHANGE, % 延伸率變化	- 20	- 20
VOLUME CHANGE, % 體積變化	0~+10	+6

E) LOW TEMPERATURE BRITTLENESS 耐低溫試驗

TESTS AFTER 3MIN AT -35 DEGREE C NONBRITTLE

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V7593U CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31 F16

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Test by:QC08