

TEST REPORT

MATERIAL : VT 80 BLACK COMPOUND NO. V8006B

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	80+/-5	83
TENSILE STRENGTH, MPa ,min 拉力强度	10.0	15.2
ELONGATION, %,min 延伸率	150	174
SPECIFIC GRAVITY 比重		1.834

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

HARDNESS CHANGE, POINTS 硬度变化	+10	+0
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	+4
ELONGATION CHANGE, % 延伸率变化率	-25	-10

C)COMPRESSION SET 压缩永久变形试验

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	6
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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	-2
TENSILE STRENGTH CHANGE, % 拉力强度变化率	-25	-6
ELONGATION CHANGE, % 延伸率变化率	-20	-13
VOLUME CHANGE, % 体积变化率	0~+10	+2

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V8006B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31

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