

TEST REPORT

MATERIAL : EP 80 DURO BLACK COMPOUND NO. : E8001B

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A 硬度	80+/-5	83
TENSILE STRENGTH, MPa ,拉力强度,min	10	12.9
ELONGATION, % ,延伸率,min	150	322
GRAVITY, 比重		1.159
B) HEAT AGING @125 DEGREE C X 70 HRS 老化试验		
HARDNESS CHANGE, POINTS 硬度变化	+10	+2
TENSILE STRENGTH CHANGE, %拉力强度变化率	-20	+12
ELONGATION CHANGE, % 延伸率变化率	-40	-39
C) COMPRESSION SET 压缩永久变形试验		
HEAT AGING @ 125 DEGREE C X 22 HRS %	70	68
D)WATER RESISTANCE, TESTS @100°C X 70HRS 耐水试验		
VOLUME CHANGE, % MAX	+/-5	+4
E) LOW TEMPERATURE BRITTLINESS 耐低温脆性试验		
TESTS AFTER 3 MIN AT -35 DEGREE C		NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND E8001B CAN MEET ASTM D2000 M7CA810 A25 B35 EA14 F16



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Test by:QC08