

## TEST REPORT

MATERIAL : EP 70 DURO BLACK      COMPOUND NO. : E7001B

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10MIN )	Requirement	Test result
HARDNESS SHORE A 硬度	70+/-5	74
TENSILE STRENGTH, MPa 拉力強度,min	10	11.4
ELONGATION, % 延伸率 ,min	200	410
SPEICFIC GRAVITY, 比重		1.097
B) HEAT AGING @125 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度變化	+10	+2
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	+5
ELONGATION CHANGE, % 延伸變化率	-40	-29
C) COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 125 DEGREE C X 22 HRS % ,max	70	55
HEAT AGING @ 70 DEGREE C X 22 HRS % ,max	25	11
D) WATER RESISTANCE, TESTS @100°C X 70HRS 耐水試驗		
VOLUME CHANGE, % 體積變化	+/-5	+4

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND E7001B CAN MEET ASTM D2000 M4CA710 A25 B35 EA14  
TEMPERATURE RANGE:-40°C~100°C



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Test by:QC08