

TEST REPORT

MATERIAL : AEM 70 DURO BLACK

COMPOUND NO: M7001B

Physical Properties (Press Cure:170°CX10min Post Cure:177°CX8h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	74.00
Tensile Strength, min, Mpa 拉力強度	10.00	18.00
Ultimate Elongation, min, % 延伸率	200.00	217.00
Specific Gravity, 比重		1.21

Heat Resistance 168h@175°C 老化試驗

Change in hardness, max, Point 硬度變化(邵A)	+20.00	+6.00
Change in tensile strength, max, % 拉伸強度變化率	-30.00	-2.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-65.00	+0.00

Compression Set 22h@175°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	75.00	15.00
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Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗

Change in hardness, Point 硬度變化	-10.00~5.00	+1.00
Change in tensile strength, max, % 拉力強度變化率	-25.00	+0.00
Change in ultimate elongation, max, % 延伸率變化率	-35.00	+0.00
Change in volume, % 體積變化率	±10.00	-5.00

Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗

Change in tensile strength, max, % 拉力強度變化率	-50.00	-43.00
Change in ultimate elongation, max, % 延伸率變化率	-50.00	-33.00
Change in volume, % 體積變化率	+60.00	+46.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND M7001B CAN MEET ASTM 2000 M4EE710A47B37EQ16EO36

