

TEST REPORT

MATERIAL : ECO 70 DURO BLACK

COMPOUND NO: O7001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX4h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	73.00
Tensile Strength, min, Mpa 拉力強度	8.00	12.50
Ultimate Elongation, min, % 延伸率	200.00	214.00
Specific Gravity, 比重		1.40

Heat Resistance 70h@125°C 老化試驗

Change in hardness, max, Point 硬度變化(邵A)	0.00~15.00	+3.00
Change in tensile strength, max, % 拉伸強度變化率	-25.00	+2.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-50.00	-18.00

Compression Set 22h@100°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	25.00	12.00
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Fluid Resistance No.1 Oil Resistance 70h@125°C 1號油試驗

Change in hardness, Point 硬度變化	0.00~10.00	+1.00
Change in tensile strength, max, % 拉力強度變化率	-20.00	+3.00
Change in ultimate elongation, max, % 延伸率變化率	-35.00	-19.00
Change in volume, % 體積變化率	-15.00~5.00	-1.00

Fluid Resistance No.3 Oil Resistance 70h@125°C 3號油試驗

Change in hardness, Point 硬度變化	±10.00	-6.00
Change in tensile strength, max, % 拉力強度變化率	-15.00	-14.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-20.00
Change in volume, % 體積變化率	0.00~25.00	+7.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND O7001B CAN MEET ASTM 2000 M2CH708A25B14EO15EO35