

TEST REPORT

MATERIAL : NBR 70 DURO FDA BLACK

COMPOUND NO: N7011B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	72.00
Tensile Strength, min, Mpa 拉力強度	14.00	15.10
Ultimate Elongation, min, % 延伸率	250.00	416.00
Specific Gravity, 比重		1.21

Heat Resistance 70h@100°C 老化試驗

Change in hardness, max, Point 硬度變化(邵A)	±15.00	+2.00
Change in tensile strength, max, % 拉伸強度變化率	±30.00	+10.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-50.00	-12.00

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	10.00
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Fluid Resistance No.1 Oil Resistance 70h@100°C 1號油試驗

Change in hardness, Point 硬度變化	-5.00~10.00	+3.00
Change in tensile strength, max, % 拉力強度變化率	-25.00	+14.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	+4.00
Change in volume, % 體積變化率	-10.00~5.00	-6.00

Fluid Resistance No.3 Oil Resistance 70h@100°C 3號油試驗

Change in hardness, Point 硬度變化	-10.00~5.00	-10.00
Change in tensile strength, max, % 拉力強度變化率	-45.00	+2.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-13.00
Change in volume, % 體積變化率	0.00~25.00	+14.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND N7011B CAN MEET ASTM 2000 M2BG714A14B14EO14EO34