



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO HIGH STRENGTH
BLACK

COMPOUND NO: N7039B

Physical Properties (Press Cure: 170°C X 10min Post Cure: 150°C X 1h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	70.00
Tensile Strength, min, Mpa 拉力強度	17.00	22.50
Ultimate Elongation, min, % 延伸率	300.00	429.00
Specific Gravity, 比重		1.24

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	-2.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-50.00	-16.00

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	23.00
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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	-2.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-17.00
Change in volume, % 體積變化率	-10.00~5.00	+0.00

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	-20.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-21.00
Change in volume, % 體積變化率	0.00~25.00	+1.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND N7039B CAN MEET ASTM 2000 M2BG717A14B14EO14EO34