ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 80 DURO BLACK COMPOUND NO: N8001B

Physical Properties (Press Cure:170℃X10min Post Cure:150℃X1h)	Requirement	Test result
Hardness,Point 硬度(邵A)	75.00~85.00	82.00
Tensile Strength,min,Mpa 拉力強度	10.00	18.60
Ultimate Elongation,min,% 延伸率	125.00	278.00
Specific Gravity, 比重		1.24
Heat Resistance 70h@100℃ 老化試驗		
Change in hardness,max,Point 硬度變化(邵A)	+15.00	+0.00
Change in tensile strength,max,% 拉伸強度變化率	-20.00	+6.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-40.00	-17.00
Compression Set 22h@100℃ 壓縮永久變形試驗		
Compression set,Method B,max,% 壓縮永久變形	25.00	9.00
Fluid Resistance No.1 Oil Resistance 70h@100℃ 1號油試驗		
Change in hardness,Point 硬度變化	-5.00~15.00	-1.00
Change in tensile strength,max,% 拉力強度變化率	-25.00	+6.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-13.00
Change in volume,% 體積變化率	-10.00~5.00	-2.00
Fluid Resistance No.3 Oil Resistance 70h@100℃ 3號油試驗		
Change in hardness,Point 硬度變化	-20.00~0.00	-8.00
Change in tensile strength,max,% 拉力強度變化率	-45.00	-5.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-12.00
Change in volume,% 體積變化率	0.00~35.00	+9.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY

THIS COMPOUND N8001B CAN MEET ASTM 2000 M6BG810A14B14EO14EO34



QA Manager: Dabou Ku **QC.Dept:** LingLing.Li **Test by:** QC08