ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 50 DURO BLACK COMPOUND NO: N5001B

Physical Properties (Press Cure:170℃X10min Post Cure:150℃X1h)	Requirement	Test result
Hardness,Point 硬度(邵A)	45.00~55.00	52.00
Tensile Strength,min,Mpa 拉力強度	8.00	12.20
Ultimate Elongation,min,% 延伸率	350.00	605.00
Specific Gravity, 比重		1.19
Heat Resistance 70h@100℃ 老化試驗		
Change in hardness,max,Point 硬度變化(邵A)	±15.00	+1.00
Change in tensile strength,max,% 拉伸強度變化率	±30.00	-4.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-50.00	-10.00
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	14.00
Fluid Resistance No.1 Oil Resistance 70h@100℃ 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	+21.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-8.00
Change in volume,% 體積變化率	-10.00~5.00	-10.00
Fluid Resistance No.3 Oil Resistance 70h@100℃ 3號油試驗		
Change in hardness,Point 硬度變化	-10.00~5.00	-8.00
Change in tensile strength,max,% 拉力強度變化率	-45.00	-6.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-45.00
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 N5001B CAN MEET ASTM 2000 M2BG508A14B14EO14EO34

艾克密封科技(上海)有限公司 品保部专用章 (QA Dep) Escort Seal (shanghai) Co.,Ltd.

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