ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : SIL 70 DURO BLACK COMPOUND NO: S7001B

Physical Properties (Press Cure:170℃X10min Post Cure:200℃X4h)	Requirement	Test result
Hardness,Point 硬度(邵A)	65.00~75.00	73.00
Tensile Strength,min,Mpa 拉力強度	6.00	7.30
Ultimate Elongation,min,% 延伸率	150.00	201.00
Specific Gravity, 比重		1.31
Heat Resistance 70h@225℃ 老化試驗		
Change in hardness,max,Point 硬度變化(邵A)	+10.00	+4.00
Change in tensile strength,max,% 拉伸強度變化率	-25.00	+0.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-30.00	-28.00
Compression Set 22h@175℃ 壓縮永久變形試驗		
Compression set,Method B,max,% 壓縮永久變形	25.00	18.00
Fluid Resistance No.1 Oil Resistance 70h@150℃ 1號油試驗		
Change in hardness,Point 硬度變化	-15.00~0.00	-6.00
Change in tensile strength,max,% 拉力強度變化率	-20.00	-9.00
Change in ultimate elongation,max,% 延伸率變化率	-20.00	+83.00
Change in volume,% 體積變化率	0.00~15.00	+6.00
Fluid Resistance No.3 Oil Resistance 70h@150℃ 3號油試驗		
Change in hardness,Point 硬度變化	-30.00	-22.00
Change in volume,% 體積變化率	+60.00	+37.00

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

THIS COMPOUND S7001B CAN MEET ASTM 2000 M5GE706A19B37EO16EO56

QA Manager: Grace Chen **QC.Dept:** LingLing.Li **Test by:** QC08