ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : HNBR 70 DURO BLACK COMPOUND NO: H7001B

Physical Properties (Press Cure:170℃X10min Post Cure:175℃X4h)	Requirement	Test result
Hardness,Point 硬度(邵A)	65.00~75.00	69.00
Tensile Strength,min,Mpa 拉力強度	16.00	17.80
Ultimate Elongation,min,% 延伸率	250.00	273.00
Specific Gravity, 比重		1.24
Heat Resistance 70h@150℃ 老化試驗		
Change in hardness,max,Point 硬度變化(邵A)	+10.00	+5.00
Change in tensile strength,max,% 拉伸強度變化率	-15.00	+3.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-25.00	-3.00
Compression Set 22h@150℃ 壓縮永久變形試驗		
Compression set,Method B,max,% 壓縮永久變形		10.00
Fluid Resistance No.1 Oil Resistance 70h@150℃ 1號油試驗		
Change in hardness,Point 硬度變化	-5.00~10.00	+0.00
Change in tensile strength,max,% 拉力強度變化率	-20.00	+4.00
Change in ultimate elongation,max,% 延伸率變化率	-30.00	+1.00
Change in volume,% 體積變化率	-10.00~5.00	-1.00
Fluid Resistance No.3 Oil Resistance 70h@150℃ 3號油試驗		
Change in hardness,Point 硬度變化	-15.00	-9.00
Change in tensile strength,max,% 拉力強度變化率	-40.00	-7.00
Change in ultimate elongation,max,% 延伸率變化率	-30.00	+10.00
Change in volume,% 體積變化率	+25.00	+14.00

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

THIS COMPOUND H7001B CAN MEET ASTM 2000 M4DH716A26B16EO16EO36



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