ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : HNBR 80 DURO BLACK COMPOUND NO: H8001B

Physical Properties (Press Cure:170℃X10min Post Cure:175℃X4h)	Requirement	Test result
Hardness,Point 硬度(邵A)	75.00~85.00	79.00
Tensile Strength,min,Mpa 拉力強度	20.00	20.20
Ultimate Elongation,min,% 延伸率	150.00	192.00
Specific Gravity, 比重		1.30
Heat Resistance 70h@150℃ 老化試驗		
Change in hardness,max,Point 硬度變化(邵A)	+10.00	+3.00
Change in tensile strength,max,% 拉伸強度變化率	-15.00	-2.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-25.00	-21.00
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	+9.00
Change in ultimate elongation,max,% 延伸率變化率	-30.00	-9.00
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	-8.00
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	-2.00
Change in volume,% 體積變化率	+25.00	+12.00

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

THIS COMPOUND H8001B CAN MEET ASTM 2000 M4DH820A26B16EO16EO36

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