ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : HNBR 70 DURO GREEN COMPOUND NO: H7001G

Physical Properties (Press Cure:170℃X10min Post Cure:175℃X4h)	Requirement	Test result
Hardness,Point 硬度(邵A)	65.00~75.00	75.00
Tensile Strength,min,Mpa 拉力強度	10.00	19.10
Ultimate Elongation,min,% 延伸率	200.00	242.00
Specific Gravity, 比重		1.26
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	-25.00	+9.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-30.00	-1.00
Compression Set 22h@150℃ 壓縮永久變形試驗		
Compression set,Method B,max,% 壓縮永久變形	30.00	11.00
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	+1.00
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	-15.00
Change in volume,% 體積變化率	±5.00	-5.00
Fluid Resistance No.3 Oil Resistance 70h@150℃ 3號油試驗		
Change in hardness,Point 硬度變化	-15.00	-7.00
Change in tensile strength,max,% 拉力強度變化率	-30.00	-24.00
Change in ultimate elongation,max,% 延伸率變化率	-30.00	-17.00
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 H7001G CAN MEET ASTM 2000 M3DH710A26B16EO16EO36

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