

TEST REPORT

MATERIAL : HNBR 90 DURO L_TEM BLACK

COMPOUND NO: H9063B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX4h)	Requirement	Test result
Hardness, Point 硬度(邵A)	85.00~95.00	89.20
Tensile Strength, min, Mpa 拉力強度	10.00	1819.00
Ultimate Elongation, min, % 延伸率	100.00	147.00
Specific Gravity, 比重		1.39

Heat Resistance 70h@150°C 老化試驗		
Change in hardness, Point 硬度變化(邵A)	+10.00	+7.20
Change in tensile strength, max, % 拉伸強度變化率	-15.00	+29.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-25.00	-14.00
Change in volume, % 體積變化率		-6.90

Compression Set 22h@150°C 壓縮永久變形試驗		
Compression set, Method B, max, % 壓縮永久變形	35.00	31.00

Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗		
Change in hardness, Point 硬度變化	-5.00~10.00	+3.60
Change in tensile strength, max, % 拉力強度變化率	-20.00	+24.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-6.00
Change in volume, % 體積變化率	-10.00~5.00	-2.60

Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗		
Change in hardness, Point 硬度變化	-15.00	-13.50
Change in tensile strength, max, % 拉力強度變化率	-40.00	+15.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-9.00
Change in volume, % 體積變化率	+25.00	+13.90

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

THIS COMPOUND H9063B CAN MEET ASMT 2000 M4DH910A26B36EO16EO36