

The Manufacturer of Sealing Parts

## TEST REPORT

MATERIAL : HNBR 80 DURO L\_Tem(-45) BLACK

COMPOUND NO: H8063B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX4h)	Requirement	Test result
Hardness, Point 硬度(邵A)	75.00~85.00	82.00
Tensile Strength, min, Mpa 拉力強度	10.00	17.20
Ultimate Elongation, min, % 延伸率	175.00	191.00
Specific Gravity, 比重		1.27

### Heat Resistance 70h@150°C 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	-9.00

### Compression Set 22h@150°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	30.00	18.00
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### 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	+5.00
Change in tensile strength, max, % 拉力強度變化率	-20.00	+15.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	+1.00
Change in volume, % 體積變化率	±5.00	-5.00

### Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗

Change in hardness, Point 硬度變化	-15.00	-13.00
Change in tensile strength, max, % 拉力強度變化率	-30.00	-13.00
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	+22.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
 THIS COMPOUND H8063B CAN MEET ASMT 2000 M3DH810A26B16EQ16EO36

