

The Manufacturer of Sealing Parts

TEST REPORT

MATERIAL : HNBR 90 DURO BLACK

COMPOUND NO: H9001B

Physical Properties (Press Cure:170°CX10min Post Cure:175°CX4h)	Requirement	Test result
Hardness, Point 硬度(邵A)	85.00-95.00	92.00
Tensile Strength, min, Mpa 拉力強度	20.00	23.30
Ultimate Elongation, min, % 延伸率	100.00	107.00
Specific Gravity, 比重		1.28

Heat Resistance 70h@150°C 老化試驗

Change in hardness, max, Point 硬度變化(邵A)	+10.00	+2.00
Change in tensile strength, max, % 拉伸強度變化率	-25.00	-3.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-30.00	-18.00

Compression Set 22h@150°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	50.00	9.00
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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	+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	-10.00
Change in volume, % 體積變化率	±5.00	-2.00

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

Change in hardness, Point 硬度變化	-15.00	-6.00
Change in tensile strength, max, % 拉力強度變化率	-30.00	+1.00
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	+10.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
 THIS COMPOUND H9001B CAN MEET ASTM 2000 M3DH920A26B16EQ16EO36

