

The Manufacturer of Sealing Parts

## TEST REPORT

MATERIAL : HNBR 70 DURO BLACK

COMPOUND NO: H7001B

Physical Properties (Press Cure:170°CX10min Post Cure:175°CX4h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	72.00
Tensile Strength, min, Mpa 拉力強度	16.00	16.90
Ultimate Elongation, min, % 延伸率	250.00	290.00
Specific Gravity, 比重		1.27
<b>Heat Resistance 70h@150°C 老化試驗</b>		
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	-15.00	-1.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-25.00	-1.00
<b>Compression Set 22h@150°C 壓縮永久變形試驗</b>		
Compression set, Method B, max, % 壓縮永久變形		14.00
<b>Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗</b>		
Change in hardness, Point 硬度變化	-5.00~10.00	-2.00
Change in tensile strength, max, % 拉力強度變化率	-20.00	+5.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-3.00
Change in volume, % 體積變化率	-10.00~5.00	-2.00
<b>Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗</b>		
Change in hardness, Point 硬度變化	-15.00	-12.00
Change in tensile strength, max, % 拉力強度變化率	-40.00	-10.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-3.00
Change in volume, % 體積變化率	+25.00	+13.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
 THIS COMPOUND H7001B CAN MEET ASTM 2000 M4DH716A26B16EQ16EO36

