

TEST REPORT

MATERIAL: HNBR 70 DURO L_Tem(-45) BLACK

COMPOUND NO: H7063B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX4h)	Requirement	Test result
Hardness, Point 邵A	65.00~75.00	72.00
Tensile Strength, min, Mpa 拉力強度	16.00	20.30
Ultimate Elongation, min, % 延伸率	250.00	315.00
Specific Gravity, 比重		1.23

Heat Resistance 70h@150°C 老化試驗

Change in hardness, max, Point 邵A	+10.00	+5.00
Change in tensile strength, max, % 拉伸強度變化率	-15.00	-11.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-25.00	-8.00

Compression Set 22h@150°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	20.00
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Fluid Resistance No.1 Oil Resistance 70h@150°C 1號油試驗

Change in hardness, Point 邵A	-5.00~10.00	-3.00
Change in tensile strength, max, % 拉力強度變化率	-20.00	+0.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-4.00
Change in volume, % 體積變化率	-10.00~5.00	+5.00

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

Change in hardness, Point 邵A	-15.00	+12.00
Change in tensile strength, max, % 拉力強度變化率	-40.00	-33.00
Change in ultimate elongation, max, % 延伸率變化率	-30.00	-18.00
Change in volume, % 體積變化率	+25.00	+25.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND H7063B CAN MEET ASTM 2000 M4DH716A26B16EQ16EO36

