



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FKM 80 DURO BLACK

COMPOUND NO: V8001B

Physical Properties (Press Cure: 170°C X 10min Post Cure: 230°C X 24h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	80.30
Tensile Strength, min, Mpa 拉力強度	10.00	2118.00
Ultimate Elongation, min, % 延伸率	175.00	196.00
Specific Gravity, 比重		1.86

Heat Resistance 70h@250°C 老化試驗

Change in hardness, Point 硬度變化(邵A)	+10.00	+2.90
Change in tensile strength, max, % 拉伸強度變化率	-25.00	-2.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-25.00	-2.00
Change in volume, % 體積變化率		-2.60

Compression Set 22h@175°C 壓縮永久變形試驗

Compression set, Method B, max, % 壓縮永久變形	50.00	15.00
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Fluid Resistance Fuel C Resistance 70h@23°C 燃油C試驗

Change in hardness, Point 硬度變化	±5.00	-2.40
Change in tensile strength, max, % 拉力強度變化率	-25.00	-16.00
Change in ultimate elongation, max, % 延伸率變化率	-20.00	+1.00
Change in volume, % 體積變化率	0.00~10.00	+2.90

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND V8001B CAN MEET ASMT 2000 M2HK710A1-10B37EF31