



The Manufacturer of Sealing Parts

Escort Seal Co., Ltd
No. 22, Beiyuan Road, Zhongli District
Taoyuan City 320023, Taiwan
Postal Code: 320
Tel: 886-3-451-5000
Fax: 886-3-451-0123
Website: <http://www.seal.com.tw>

TEST REPORT

MATERIAL : FKM 90 DURO BLACK

COMPOUND NO: V9001B

Physical Properties (Press Cure: 170°C X 10min Post Cure: 230°C X 24h)	Requirement	Test result
Hardness, Point 硬度(邵A)	85.00~95.00	90.50
Tensile Strength, min, Mpa 拉力強度	10.00	2162.00
Ultimate Elongation, min, % 延伸率	100.00	184.00
Specific Gravity, 比重		1.85

Heat Resistance 70h@250°C 老化試驗		
Change in hardness, Point 硬度變化(邵A)	+10.00	+2.20
Change in tensile strength, max, % 拉伸強度變化率	-25.00	+1.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-25.00	-13.00
Change in volume, % 體積變化率		-3.40

Compression Set 22h@175°C 壓縮永久變形試驗		
Compression set, Method B, max, % 壓縮永久變形	30.00	20.00

Fluid Resistance Fuel C Resistance 70h@23°C 燃油C試驗		
Change in hardness, Point 硬度變化	±5.00	-2.90
Change in tensile strength, max, % 拉力強度變化率	-25.00	-12.00
Change in ultimate elongation, max, % 延伸率變化率	-20.00	-5.00
Change in volume, % 體積變化率	0.00~10.00	+2.80

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND V9001B CAN MEET ASMT 2000 M3HK910A1-10B37EF31