



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 : EP 50 DURO BLACK

COMPOUND NO: E5001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness,Point 硬度(邵A)	45.00~55.00	51.00
Tensile Strength,min,Mpa 拉力強度	10.00	2190.00
Ultimate Elongation,min,% 延伸率	300.00	723.00
Specific Gravity, 比重		1.08
Heat Resistance 70h@125°C 老化試驗		
Change in hardness,Point 硬度變化(邵A)	+10.00	+3.10
Change in tensile strength,max,% 拉伸強度變化率	-20.00	-19.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-40.00	-23.00
Change in volume,% 體積變化率		-1.30
Compression Set 22h@125°C 壓縮永久變形試驗		
Compression set,Method B,max,% 壓縮永久變形	70.00	64.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND E5001B CAN MEET ASMT 2000 M4CA510A25B35