

TEST REPORT

MATERIAL : FKM 80 DURO BROWN

COMPOUND NO: V8001N

Physical Properties (Press Cure: 170°C X 10min Post Cure: 230°C X 24h)	Requirement	Test result
Hardness, Point 硬度(邵A)	75.00~85.00	82.20
Tensile Strength, min, Mpa 拉力強度	10.00	1607.00
Ultimate Elongation, min, % 延伸率	150.00	168.00
Specific Gravity, 比重		2.08

Heat Resistance 70h@250°C 老化試驗		
Change in hardness, Point 硬度變化(邵A)	+10.00	+1.40
Change in tensile strength, max, % 拉伸強度變化率	-25.00	-17.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-25.00	+11.00
Change in volume, % 體積變化率		-3.30

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

Fluid Resistance Fuel C Resistance 70h@23°C 燃油C試驗		
Change in hardness, Point 硬度變化	±5.00	-3.10
Change in tensile strength, max, % 拉力強度變化率	-25.00	-25.00
Change in ultimate elongation, max, % 延伸率變化率	-20.00	+20.00
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 V8001N CAN MEET ASMT 2000 M2HK810A1-10B37EF31