



## MP Solid A933

### Gasket /Plating Rubber

#### 墊底橡膠體

#### 1.0 Description

MP Solid A933 is a Surfacing / Gaskets material suitable for many functional and decorative applications, such as Glassing, Wood / Metal and Sanitary facilities works. It is a fully densified composite of polyethylene resin and mineral filler. Depending on intended application, MP Solid A933 is modified into MP Solid A933S and A933G; A933S is for general decorative surfacing purpose and A933G is for usual Gasket / Plating purpose. This is permanent form in place product; for indoor installation, it's shelf life exceed 20 years.

#### 2.0 Technical Data

Physical Properties 材料物理性質	Test Method EN438 Part 2 Unless Otherwise Stated EN 438 測試方法 2	Specification 指定規格	Specification 指定規格
		MP Solid A933S	MP Solid A933G
Wear Resistance 表面耐磨性	Clause 6	350	260
Boiling Water Resistance 耐沸水性	Clause 7	2.0% 2.0%	2.5% 2.1%
Dry Heat Resistance @ 180°C 抗熱度	Clause 8	4	4
Elevated Temperature 升溫 Dimensional Stability 尺寸安定性	Clause 9	0.23 0.54	0.28 0.62
Ambient Temperature 室溫 Dimensional Stability 尺寸安定性	Clause 10	0.16 0.22	0.18 0.26
Impact Resistance 抗撞強度	Clause 12	4	3
Scratch Resistance 耐刮性	Clause 14	2.0	1.0
Stain Resistance 耐污性	Clause 15	5	4
Light Fastness 褪色率	Clause 16	6	5
Cigarette Resistance 對煙蒂燒炙性	Clause 18	3	3
Steam resistance 耐沸水度	Clause 24	4	4
Crack Resistance 抗爆裂性	Clause 26	4	5
Flexural Modulus 彎曲彈性系數	ISO 178	10,000	12,000
Flexural Strength 抗曲強度	ISO 178	100	70
Tensile Strength 張力強度	ISO 527	70	60
Hardness 硬度	Shore A	110	82
Thermal Conductivity 熱導性能	BS 874	0.35 W/m C	0.30 W/m C
Coefficient Of Thermal Expansion 膨脹系數	ASTM D 696	$2.0 \times 10^{-5} \text{ mm}^{\circ}\text{C}$	$1.834 \times 10^{-5} \text{ mm}^{\circ}\text{C}$
Clarifier Value 發熱數據	ISO 1716	19.0 M / kg	16.0 M / kg
Density 密度	BS 1782 Method 620A	1.68	1.60
Surface Spread Of Flame 火焰表面擴散度	BS 476 Part 7	Standard grade – Class 2 FR grade – Class 1	Standard grade – Class 2 FR grade – Class 1
Surface Resistivity 電阻	BS 2782 Method 231A	$1.0 \times 10^{12} \Omega$	$1.6245 \times 10^{12} \Omega$

#### 3.0 Packaging

MP Solid A933 is packing as sheeting form with thickness range 12, 15, 18, 20mm. Other size may be requested if quantity is enough for tail-made production.

MASTER PROOFER