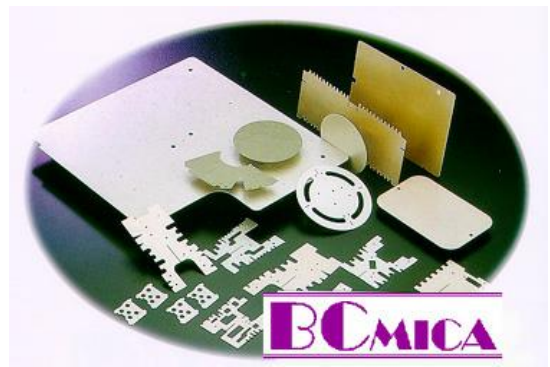


TECHNICAL DATA

FLEXIBLE MICA PLATE UL Cat. No. SM61 & SM62 & 8M81

P. LEO & CO LTD

P.O. Box 175 Fo Tan, Shatin, Hong Kong.
Telephone : (852) 2604-8222 * Facsimile : (852) 3585-3181
E-mail : sales@pleo.com * Web Site : http://pleo.com



 UL FILE #E222948

Description : **SM61 & SM62 & 8M81** is a flexible Silicone bonded mica paper which retains its flexibility permanently has two species. It is made of silicone bonded mica plate with specially formulated silicone resin. is **UL94V-0 RTI 200°C approval with UL file No. E222948**. It is widely used for class H, class C, Class R and Class S insulation of high voltage transformer for microwave oven, thermal barrier for home appliances, dry type transformer and industrial furnace

Application : **SM61 & SM62 & 8M81** series are flexible and can be permitted winding or wrapping into place without heating. They are used as linings, covers or backings, as a separating sheet or insulating sheet, application is : Heat gun, Hair dryers, Fan heaters, Circuit breakers, Transformers, Electric furnaces, Generator, Magnetic Coil Insulation etc.

Properties :

- Excellent resistance to heat up to 1000 °C
- Excellent Electrical Insulation
- Excellent tensile strength and easy to form at room temperature

Technical Data :		UNIT	SM62 8M81	SM61
	Mica paper			Muscovite
Thickness	mm		0.15 - 3.0	0.15 - 3.0
Thickness Tolerance	mm		± 10%	± 10%
Density	g/cm ³		≥ 1.6	≥ 1.6
Mica Content	%		≥ 88	≥ 88
Bond Content	%		≤ 12	≤ 12
Dielectric Strength	MV/m		≥ 10	≥ 10
Heat Resistance :				
Continuous Services	°C		500	750
Intermittent Service	°C		550	800



BCtape™ Pbobbin® BCwire® BCmica® BCtube® is P. Leo & Co., Ltd. registered trade mark

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No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of Seller and manufacturer.