

#### GENERAL

LAMAT sheet is manufactured by bonding CHOPPED STRAND MAT (CSM) using small amount of modified epoxy resin as binder and contain zinc naphthanate as accelerator. At temperature > 60 deg. in contact with impregnating resin, LAMAT swells to about > 150% of initial thickness after VPI process.

#### APPLICATION

LAMAT Used as spacers between coils and slot insulation in High Voltage Motors and Generators of VPI system.

#### PRODUCT CHARACTERISTICS:

Properties	Unit	Typical Values			
		670-050-02	670-085-02	670-120-02	670-220-02
Thickness	mm	0.50 ± 0.2	0.85 ± 0.30	1.2 ± 0.30	2.2 ± 0.30
Total Weight	g/m <sup>2</sup>	660 ± 115	1270 ± 225	1880 ± 335	3710 ± 665
Glass Content	g/m <sup>2</sup>	435 ± 90	870 ± 170	1305 ± 255	2610 ± 510
Polyester Fleece	g/m <sup>2</sup>	(2 x 25) 50 ± 5	(2 x 25) 50 ± 5	(2 x 25) 50 ± 5	(2 x 25) 50 ± 5
Resin Content	g/m <sup>2</sup>	150 ± 25	297 ± 55	495 ± 80	890 ± 155
Accelerator (Zn)	g/m <sup>2</sup>	25 ± 5	53 ± 7	80 ± 10	160 ± 20
Color		Pink	Pink	Pink	Pink
Swelling	%	≥ 150	≥ 150	≥ 150	≥ 150

#### SUPPLY:

LAMAT is available in 4 different thickness ie, 0.50mm, 0.85mm, 1.20mm and 2.20 mm. Supplied in Sheet form having standard dimension of 950 x 1000 mm. any other cut to size also available on request.

#### STORAGE & HANDLING INSTRUCTIONS:

LAMAT must be kept under controlled temperature condition. Keep away from dust and moisture.

#### SHELF LIFE

At standard temperature of 23 ± 5°C - 06 months

At refrigerated storage of 05°C - 12 months.

#### WORK HYGIENE:

While using LAMAT we recommend to follow the necessary Health & Safety Standards.

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**LIABILITY:** All the above information is based on our own research and experience. We cannot however offer any Guarantee for the information as the manufacturer himself is responsible for any article made with our product. Neither do we accept Liability for any damage which could be caused by the information given hereby

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