

GENERAL

LAMAT 670 sheet is manufactured by bonding CHOPPED STRAND MAT (CSM) using small amount of modified epoxy resin as binder and does not contain any accelerator. At temperature > 60 deg. in contact with impregnating resin, LAMAT swells to about > 150% of initial thickness after VPI process.

APPLICATION

LAMAT 670 Used as spacers between coils and slot insulation in High Voltage Motors and Generators of VPI system.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values			
		670-050	670-085	670-120	670-220
Thickness	mm	0.50 ± 0.2	0.85 ± 0.25	1.2 ± 0.50	2.2 ± 0.50
Total Weight	g/m ²	635 ± 120	1210 ± 215	1770 ± 320	3500 ± 640
Glass Content	g/m ²	435 ± 85	870 ± 165	1305 ± 250	2610 ± 505
Polyester Fleece	g/m ²	(2 x 25) 50 ± 10	(2 x 25) 50 ± 10	(2 x 25) 50 ± 10	(2 x 25) 50 ± 10
Resin content	g/m ²	150 ± 25	290 ± 40	415 ± 60	840 ± 125
Color		Blue	Blue	Blue	Blue
Swelling	%	≥ 150	≥ 150	≥ 150	≥ 150

SUPPLY:

LAMAT 670 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 670 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 670 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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