



Chopped Strand Mat 79

(Revised 12/2000)

APPLICATION

Mat 79 is an emulsion bound chopped strand mat, which is manufactured to a very high standard, for use in hand lay up applications. It is produced from a high integrity strand which has a moderate speed of wet-out. Mat 79 is soft to handle, has a relatively high bulk and the binder ensures excellent drapeability and moulding performance. These characteristics combine to ensure that the mat has good air release and an excellent overall performance. Either single ply or multi ply moulding techniques may be used. Mat 79 is suitable for use with all types of unsaturated polyester resins and resin to glass ratios in the range of 1.5:1 to 2.5:1 can be achieved with ease.

PRODUCT DESCRIPTION

Property	Description
Glass Type	E
Binder Type	Emulsion
Filament Diameter mm	11
Coupling Agent	Silane
Mat Density g/m ²	450, 600 & 900
Mat Width m	0.91 and 1.37

PACKAGING

Each roll in polythene bag and cardboard box
12 rolls per pallet
Roll diameter 30cm
Roll weight (nominal 0.91m) 40kg
Pallets stretched wrapped

USER BENEFITS

- Complies with BS 3496:1989
- Excellent drapeability
- Suitable for single and multiply moulding
- Good air release
- Approved by Lloyd's Register of Shipping in craft constructed under their survey
- Approved by Det Norske Veritas

STORAGE

Chopped strand mat should be stored in the original packaging and protected from impact damage. It is recommended that glass fibre be kept at a temperature not exceeding 25°C and a relative humidity not exceeding 65%. Boxes of chopped strand mat should preferably be stored on end. If boxes are stored on their sides, no more than three boxes should be stacked on top of each other if damage to the mat is to be avoided.