



# PPG Fiber Glass Europe

## Chopped Strand Mat 79

***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 drape-ability 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.***

### USER BENEFITS:

- Excellent drape-ability.
- Suitable for single and multi-ply moulding.
- Good air release.
- Low Resin Consumption.
- Approved by Lloyd's Register of Shipping in craft constructed under their survey.





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### PRODUCT DESCRIPTION.

Property	Description
Glass Type	E
Binder Type	Emulsion
Filament Diameter $\mu\text{m}$	11
Coupling Agent	Silane
Mat Density $\text{g/m}^2$	450 & 600
Mat Width m	0.95, 1.27 & 1.37

### PACKAGING.

Each roll in polythene bag and cardboard box.  
12 and or 16 rolls per pallet depending on mat width.  
Roll diameter 30cm.  
Roll weight (nominal 0.95m) 30kg.  
Pallets stretched wrapped.

### STORAGE.

Chopped strand mat should be stored in the original packaging and protected from impact damage. It is recommended that glass fiber be kept at a temperature not exceeding 25°C and a relative humidity of 65%  $\pm$  10%. 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.  
A First-In-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions.



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