



Product Description

- ⊗ Composed of E-glass chopped strand bonded together with UP powder binder or emulsion binder. It is applicable for use in hand lay-up, filament winding, compression molding, machine molding processes, etc.
- ⊗ Compatible with unsaturated polyester (UP), vinyl resin (VE), for manufacture of translucent panels, boat hulls, automobile interiors system and parts, etc.

Characteristics

- ⊗ Consistent Thickness and Optimum Stiffness
- ⊗ Excellent Strands Dispersion, Outstanding Bonding on Double Sides
- ⊗ Easy Impregnation, and Good Air Release
- ⊗ Optimum Wet Out, Multi-Process Compatible, High Abrasion and Corrosion Resistance
- ⊗ Excellent Molding Performances, Conforming Well to Complicated Molding Shapes
- ⊗ Good Mechanical Properties
- ⊗ Excellent Laminate Clarity

Technical Data

Product Code	Width/mm	Unit weight g/m ²	Wet Out /s	Styrene Solubility /s	Moisture Content%	Binder Type	Process
EMC Series	100~3000	100~900	≤100	≤40	≤0.20	UP Powder	Hand lay-up
EMC (T) Series	965~1524	250~600	≤100	≤40	≤0.20	UP Powder	Continuous Lamination
EMC (X) Series	2000~3200	300~600	≤100	≤40	≤0.20	UP Powder	Auto Boards
EMCL Series	150~2540	100~900	≤100	≤40	≤0.20	PVAc Emulsion	Hand lay-up

NOTES: 1. Individualized specification is available as per customer's request. 2. This datasheet hereinabove is provided for information purposes only and CTG reserves the right to modify it without prior notice.

Packaging

CTG E-glass Chopped Strand Mat is packed in PE bags by roll, put into cartons and put flat on the pallets. Each pallet stacks 12 cartons upright, or 6/9 cartons flat. Pallets should not be stacked more than 2 layers and cartons not in more than 5 layers.

Storage

This product should be stored in a dry, cool and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%, as moisture affects composites strength and wet out, and temperature affects the bonding of CSM and resin. It is recommended to be put under room temperature for over 24 hours prior to use, finished within 6 months after receipt by customer and kept in intact package when not used to avoid damp.