

TECHNICAL DATA SHEET

Chopped Strand Mat (Emulsion Bonded)

【Product Description】

E glass or TCR glass Chopped Strand Mat is made of chopped fiber in specified length randomly & evenly distributed on conveyor, bonded by emulsion binder and cut into certain widths & lengths after heat forming.

It is applicable for hand lay-up, filament winding, compression molding, machine molding process, ect.

Compatible with Unsaturated Polyester (UP) & Vinyl resin systems.

It is typically used to produce translucent panels, boat hulls, automobile interior parts, ect.

【Characteristics】

Even thickness and medium rigidity
Excellent strand distribution
Fast wet out and low resin consumption
Optimum molding performances
Good mechanical properties

【Product Code】

eg.EMCL450-1040M
E E Glass
MCL CSM, Emulsion Bonded
450 Area Weight (g/m²)
1040 Width (mm)
M One edge trimmed

【Technical Data】

Product Code	Width (mm)	Area Weight (g/m ²)	Wet Out (s)	Styrene Solubility [s]	Moisture Content %	Binder Type
EMCL	150-2540	100-900	≤180	≤40	≤0.40	PVAc Emulsion

【Packaging】

CSM E.B is packed in thermoplastic or PE bags by rolls, separately put into cartons and stacked on the pallet. Each pallet stacks 12 rolls vertically or 9 or 6 rolls horizontally. All pallets should not be stacked in more than 2 layers and cartons not more than 5 layers.

【Storage】

This product should be stored in a dry, ventilated and rainproof place, with temperatures 5-35°C and humidity 35-65%. It is recommended to be consumed within 6 months after material delivery and shall be kept in intact package when not used to avoid damp.