

TECHNICAL DATA SHEET

Chopped Strand Mat, Powder Bonded (CSM P.B)

【Product Description】

E glass or TCR glass Chopped Strand Mat is made of chopped fiber in specified length, randomly & evenly distributed on conveyor, bonded together by polyester powder 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 transparent panels, boat hulls, automobile interior parts, ect.

【Characteristics】

Even thickness and medium rigidity
Excellent strand distribution
Easy & complete impregnation with resin mix
Fast wet out and multi-process compatibility
Optimum molding performances
Good mechanical properties
Excellent transparency for GRP panels

【Product Code】

Eg. EMC(T)300-1040
E E Glass
MC, CSM, Powder Bonded
T Transparent Panel
300 Area Weight (g/m²)
1040 Width (mm)

【Technical Data】

Product Code	Width (mm)	Area Weight (g/m ²)	Wet Out (s)	Styrene Solubility [s]	Moisture Content %	Binder Type	Process Application
EMC series	100-3000	100-900	≤100	≤40	≤0.20	Polyester Powder	Hand Lay-up
EMC(T) series	965-1524	225-600	≤100	≤40	≤0.20	Polyester Powder	Continuous Panel
EMC(X) series	2000-3200	300-600	≤100	≤40	≤0.20	Polyester Powder	Tank Panels

【Packaging】

CSM P.B is packed in 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.