

## TECHNICAL DATA SHEET

### Chopped Strand Mat, Emulsion Bonded (CSM E.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 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.EMCL450-1270M  
 E                    E Glass  
 MCL                CSM, Emulsion Bonded  
 450                 Area Weight (g/m<sup>2</sup>)  
 1270                Width (mm)  
 M                    One edge trimmed

#### 【Technical Data】

Product Code	Width (mm)	Area Weight (g/m <sup>2</sup> )	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.