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, etc. Compatible with Unsaturated Polyester (UP) & Vinyl resin systems.
It is typically used to produce translucent panels, boat body, automobile interiors & parts, etc.

【Characteristics】
- Even thickness and medium rigidity
- Excellent strand distribution
- Fast wet out and low resin consumption
- Optimum molding performances
- Good mechanical properties
- Compatible with Unsaturated Polyester (UP) & Vinyl resin systems.

【Product Code】
- Eg. EMCL450-1270M
- E Glass
- MCL CSM, Emulsion Bonded
- 450 Area Weight (g/m²)
- 1270 Width (mm)
- M One edge trimmed

【Technical Data】

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Width (mm)</th>
<th>Area Weight (g/m²)</th>
<th>Wet Out (s)</th>
<th>Styrene Solubility [s]</th>
<th>Moisture Content %</th>
<th>Binder Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMCL</td>
<td>150-2540</td>
<td>100-900</td>
<td>≤180</td>
<td>≤40</td>
<td>≤0.40</td>
<td>PVAC Emulsion</td>
</tr>
</tbody>
</table>

【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℃ 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.

【Typical Application】