



TECHNICAL DATASHEET

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, good bonding on both sides
Fast wet out and less bubbles in the product
Good immersion speed, high process adaptability, good fiber erosion resistance
Optimum molding performances, suitable for forming products with complex shapes
Good mechanical properties

【Product Code】

EMCL600-965M
E E Glass
MCL CSM, Emulsion Bonded
600 Area Weight (g/m²)
965 Width (mm)
M One edge trimmed

【Technical Data】

Product Code	Unit Area Weight (g/m ²)	Fiber Length (mm)	Width (mm)	Yarn Density
EMCL	540-660	50±10	100-3000	47tex
Moisture Content %	LOI %	Tensile Strength		Resin penetration speed(s)
		Longitudinal (N/150mm)	Transverse (N/150mm)	
≤0.50	2.5-4.5	≥80	≥80	< 180

Remarks: The above parameters only indicate the general situation of this series of products, for formal orders, each parameter is subject to customer confirmation.

【Packaging】

The chopped strands mat 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, so as to prevent rain and sun exposure. It is best to use up a single roll at one time. It is recommended to be consumed within 12 months from the production date, and shall be kept in intact package when not used to avoid damp.

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