



# EMCE

## CHOPPED STRAND MAT (EMULSION)

### PRODUCT DESCRIPTION

The EMCE chopped strand mat is made with medium size strands of E-Glass, held together by a Emulsion binder which is extremely soluble in styrene. The basic strand has a sizing system containing a silane coupling agent. This multi-purpose mat is used in numerous applications; this explains the extensive range of weights and widths available. The basic strand has a sizing system containing a silane coupling agent.

### PRODUCT REFERENCE

- Example : EMCE 300-1040-1T
- EMC: Dongyu fiberglass code for this product.
- E: Emulsion binder.
- 300: Area Weight (g/m<sup>2</sup>)
- 1040: Roll width (mm)
- 1T: number of trimmed edges (one)
- 2T: number of trimmed edges (zero)



### PRODUCT APPLICATION

- . Good surface appearance
- . Car headliners
- . Hand lay-up

### FEATURES AND PRODUCT BENEFITS

- . Very high smoothness of the laminate surface with no visible strands
- . Excellent compatibility with vinylester and epoxy resins
- . Good drapability

### TECHNICAL CHARACTERISTICS (nominal values)

Weight (g/m <sup>2</sup> )	Loss on Ignition (%)	Moisture (Max value(%))	Solubility in styrene (s)
ISO 3374: 2000	ISO 1887: 1995	ISO 3344: 1997	ISO 2558:1974
100±10%	10±15%	0.2	≤40
150±10%	7±15%		
180±10%	5±15%		
225±10%	4.5±15%		
300±10%	4.3±15%		
450±10%	3.6±15%		
600±10%	3.4±15%		
900±10%	3.3±15%		

### VISUAL CHARACTERISTICS or POSSIBLE DEFECTS

- . Unbound edges
- . Holes (> 30mm) or tears
- . Dirt spots (greater than 5 mm)
- . Unopened strands
- . Accumulation of fibers (>40mm) Each 100 m<sup>2</sup> roll of chopped strand mat section may contain at most 5 of the defects listed above.

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### PRODUCT AVAILABILITY

All range of widths (between 10 and 260 cm) and weights are available. Most combinations of weights and widths can be supplied (may be subject to minimum order quantities, extended lead times and complementary widths).

Standard weight (g/m <sup>2</sup> )	Standard width (cm)	Diameter (cm)	Length (m)	Weight (kg)
300	104 / 125 / 127 / 130	28	(if width 104) 96m	30
450			(if width 104) 64m	30
600			(if width 104) 48m	30

A roll is considered to be complete if it measures more than 70% of the nominal length.

### PACKAGING (standard ref.)

. Each roll is wound up on a cardboard tube (internal diameter 77 mm) and packaged in an individual cardboard box, 28 x 28 (L x W); the height is equal to the width of the mat.

. 16 standard rolls are packed vertically on a pallet, secured by shrink-wrap polythene. The pallet is wrapped with polyamide straps.

Mat width cm	Pallet dimensions L x W x H (cm)	Net pallet weight (kg)		
		300g/m <sup>2</sup>	450g/m <sup>2</sup>	600g/m <sup>2</sup>
104	112 x 112 x 117	480	480	480

Number of rolls per pallet = 16 vertical - Pallet height is equal to mat width + 10 cm

The pallet is wrapped with polyamide straps.

Special packaging: strips are packed in cardboard boxes of palletized according to the quantity.

### LABELLING

Each pallet has two identification labels detailing the product reference, the net and gross weights in Kg, packaging and product code, identification code of the palletized unit, production date.

### STORAGE

The EMCP mat should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C and humidity between 35 and 85 %. If you store the product at lower temperatures, please move the soon to be processed pallets to the production area 24 hours ahead of time; remove part of the protective cover of each roll to prevent condensation. You can stock pallets one on one with a plywood plank in between the two.



### CHANGSHU DONGYU INSULATED COMPOUND MATERIALS CO., LTD.

Add: Fuchunjiang road, Changshu City, Jiangsu, China 215533

Tel: 0086-512-52521366, 52529500. Fax: 0086-512-52525973

Web: [www.dongyufiberglass.com](http://www.dongyufiberglass.com)

Email: [sales@dongyufiberglass.com](mailto:sales@dongyufiberglass.com)

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