

M211 E-glass Powder Chopped Strand Mat is made of randomly distributed chopped E-glass (or ECR-glass) strands held together by an powder binder (Sanyo).

M211 is compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins.

M211 is designed for use in hand lay-up, filament winding, compression molding and continuous laminating processes. Its end-use applications include boats, bath equipment, automotive parts, chemical corrosion resistant pipes, tanks, cooling towers and building components.



PRODUCT REFERENCE

Example: EMC450P-1250-M211
M211: Dongyu fiberglass code for this chopped strand mat
EMC: E-glass Chopped Strand Mat
450 Surface weight (g/m²)
P: Powder binder
1250 Roll width (mm)

PRODUCT FEATURES

- High tensile strength, allowing for use in hand lay-up process to produce large-area parts.
- Good wet-through and fast wet-out in resins, rapid air lease
- High mechanical strength of parts
- Superior acid corrosion resistance

PRODUCT TECHNICAL CHARACTERISTICS (nominal values)

Item	Density % ISO 3374	Moisture Content % ISO 3344	Binder Content % ISO 1887	Breakage Strength N ISO 3342
EMC100	±7.5	≤0.20	14±1	≥50
EMC120	±7.5	≤0.20	12±1	≥60
EMC150	±7.5	≤0.20	8±1	≥70
EMC180	±7.5	≤0.20	5±1	≥80
EMC225	±7.5	≤0.20	4.7±1	≥90
EMC300	±7.5	≤0.20	4.5±1	≥110
EMC380	±7.5	≤0.20	4±1	≥120
EMC450	±7.5	≤0.20	3.5±1	≥130
EMC600	±7.5	≤0.20	3.2±1	≥180
EMC900	±7.5	≤0.20	3.0±1	≥260

PRODUCT AVAILABILITY (standard ref.)

- All range of widths (between 5 and 330 cm) and weights are available.
- Most combinations of weights and widths can be supplied (may be subject to minimum order quantities).
- Trimmed edges (zero, one or two)

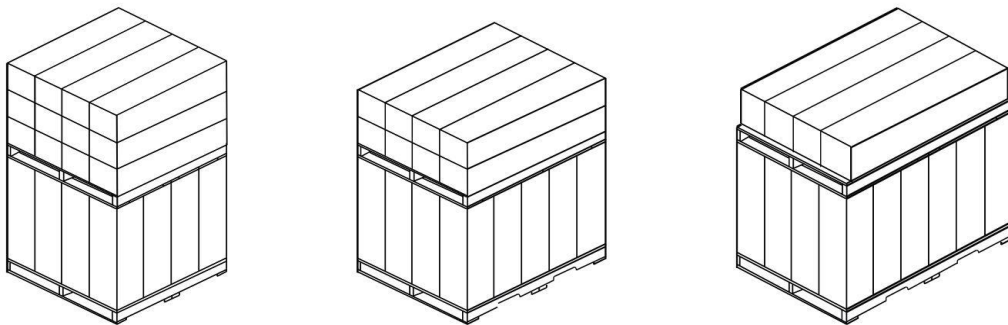
PRODUCT PACKAGING

Each Powder Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 76mm. The roll outside diameter is approximately 275mm. Each roll is wrapped up in plastic film and then packed in a cardboard box. The rolls are stacked horizontally or vertically onto pallets. All pallets are stretch wrapped and strapped to maintain stability during transport.

Standard info ref.

Density (g/m ²)	1040		1250		1860	
	Length (m)	Weight (kgs)	Length (m)	Weight (kgs)	Length (m)	Weight (kgs)
100	200	20.8	200	25	200	37.2
225	128.2	30	128.2	36	128.2	53.6
300	96.1	30	96.1	36	96.1	53.6
450	64.1	30	64.1	36	64.1	53.6
600	48	30	48	36	48	53.6

Package Drawing



PRODUCT STORAGE

Unless otherwise specified, powder chopped strand mats should be stored in a cool, dry, water-proof area. It is recommended that the room temperature and humidity be always maintained at 15℃ to 35℃ and 35% to 65% respectively.



CHANGSHU DONGYU INSULATED COMPOUND MATERIALS CO., LTD.

No.2 Dongyu Road (Fuchunjiang Rd.), Changshu City
 Jiangsu PR.China. 215533
 Tel: +86-512-52521366, 52523900
 Fax: +86-512-52525973
 dongyufiberglass.com



SALES

Tel: +86-512-52521366
 Fax: +86-512-52525973
 sales@dongyufiberglass.com

TECHONLOGY & QC

Tel: +86-512-5252353120
 Fax: +86-512-52525973
 qc@dongyufiberglass.com

INFORMATION

Tel: +86-512-52529500
 Fax: +86-512-52525973
 info@dongyufiberglass.com



This information and data contained herein is offered solely as a guide in the selection of a reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance