

**E-Glass Emulsion Chopped Strand Mats are unwoven fabrics consisting of randomly distributed chopped strands held together with an emulsion binder.**

### Product Features

- Uniform density ensures consistent fiberglass content and mechanical properties of parts.
- The mats features good mat integrity, good unwinding, easy cutting, few loose fibers and no flying fibers during handling.
- Excellent flexibility ensures good moldability with no springback at sharp angles.
- Fast and consistent wet-out speed in resins and rapid air lease enhance molding productivity and mechanical properties of parts.



### Compatible Resins and Applications

Emulsion Chopped strand Mats are compatible with unsaturated polyester, vinyl ester and epoxy resins.

The products are widely used in hand lay-up processes and can also be used in filament winding, compression molding and continuous laminating processes to manufacture various panels, boats, bath equipment, automotive parts and cooling towers.

### Product List

Property	Area Weight (%)	Moisture Content (%)	Combustible Content (%)	Breakage Strength (N)	Width (mm)
Test Method	ISO 3374	ISO 3344	ISO 1887	ISO 3342	ISO 5025
EMC225	-5.0/+10	≤0.20	4.5 ± 0.9	≥80	± 5
EMC275	-5.0/+10	≤0.20	4.0 ± 0.8	≥100	± 5
EMC300	-5.0/+10	≤0.20	4.0 ± 0.8	≥120	± 5
EMC450	-5.0/+10	≤0.20	3.8 ± 0.8	≥140	± 5
EMC600	-5.0/+10	≤0.20	3.8 ± 0.8	≥160	± 5

Note: Emulsion Chopped Strand Mats are available with a width range of 50mm ~ 3120 mm. Other specifications are also available on customer request.

### Packaging

Each Emulsion Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 89mm and the mat roll has a diameter of 265mm. The mat roll is wrapped up with plastic film, and then packed in a cardboard box or wrapped up with kraft paper. The rolls can be packed vertically or horizontally. For transportation, the rolls can be loaded into a container directly or on pallets.

### Storage

Unless otherwise specified, fiberglass products should be stored in a dry, cool and rain-proof area. The room temperature and humidity should be always maintained at 15°C~35°C and 35%~65% respectively.