

E20 Emulsion Chopped Strand Mat is made of randomly distributed chopped E glass strands held together by an emulsion binder.

E20 is suitable to reinforce unsaturated polyester, vinyl ester, epoxy and phenolic resins.

E20 is designed mainly for use in the hand lay-up process and also suitable for use in filament winding 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 Features

- ◎ Good conformability
- ◎ Good wet-through and fast wet-out in resins, rapid air lease reducing rolling out time and increasing productivity
- ◎ Low resin consumption
- ◎ High mechanical strength of the composite products

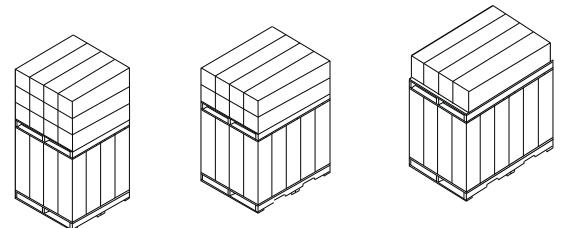
Packaging

Each Emulsion Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 90mm. The roll outside diameter is approximately 265mm. 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.

Product Specifications

Property	Area Weight (%)	Moisture Content (%)	Size Content (%)	Breakage Strength (N)
Methods	ISO 3374	ISO 3344	ISO1887	ISO 3342
EMC225	±7.5	≤0.20	4.4±1.4	≥80
EMC300	±7.5	≤0.20	4.0±1.2	≥100
EMC375	±7.5	≤0.20	3.8±1.1	≥120
EMC450	±7.5	≤0.20	3.7±1.1	≥140
EMC600	±7.5	≤0.20	3.5±1.1	≥160
EMC900	±7.5	≤0.20	3.3±1.0	≥200

Size	1040		1270		1524	
	Length, m	Weight, kg	Length, m	Weight, kg	Length, m	Weight, kg
EMC225	119.7	28	119.7	34	119.7	41
EMC300	96.2	30	96.2	37	98.2	44
EMC375	76.9	30	76.9	37	76.9	44
EMC450	79.1	37	79.1	45	79.1	54
EMC600	59.3	37	59.3	45	59.3	54
EMC900	39.5	37	39.5	45	39.5	54



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°C to 35°C and 35% to 65% respectively.