

E01 Emulsion Chopped Strand Mat is made of randomly distributed chopped E glass strands held together by an emulsion binder.

E01 is compatible with unsaturated polyester. Vinyl ester. Epoxy and phenolic resins.

E01 is designed for use in hand lay-up. Filament winding. Compression moulding 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:**

- High tensile strength. Allowing for use in hand lay-up process to produce large-area parts.
- No flying objects during operation
- Good wet-through and fast wet-out in resins, rapid air lease
- High mechanical strength of parts

**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.

Size	1040	1040	1270	1270	1524	1524
Size	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

**Specifications**

Property	Area Weight (%)	Moisture Content (%)	Size Content (%)	Breakage Strength (%)
Methods	ISO 3374	ISO 3344	ISO 1887	ISO 3343
EMC225	+7.5	<0.20	4.4 (1+31%)	>80
EMC300	+7.5	<0.20	4.0 (1+31%)	>100
EMC375	+7.5	<0.20	3.8 (1+31%)	>120
EMC450	+7.5	<0.20	3.7 (1+31%)	>140
EMC600	+7.5	<0.20	3.5 (1+31%)	>160
EMC900	+7.5	<0.20	3.3 (1+31%)	>200

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