



## DATASHEET

### DESCRIPTION:

Hydroweb is made of randomly distributed chopped E glass strands bound together by an emulsion binder. Hydroweb is suitable to reinforce unsaturated polyester, vinyl ester, epoxy and phenolic resins. Hydroweb is designed mainly for use in the hand lay-up process and is also suitable for use in filament winding and continuous laminating processes.

### TYPICAL APPLICATIONS:

Its end use applications include:

- boats
- bath equipment
- automotive parts
- chemical corrosion resistant pipes
- tanks
- cooling towers
- Building components

### ADVANTAGES

- good conformability
- good wet through and fast wet out in resins, rapid air release, reducing rolling out time and increasing productivity
- low resin consumption
- high mechanical strength of parts

### TECHNICAL DATA:

Property	Area Weight (%)	Moisture Content (%)	Size Content (%)	Breakage Strength (N)
Methods	ISO 3374	ISO 3344	ISO 1887	ISO 3342
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

### PACKAGING:

Each Hydroweb is wound onto a paper tube which has an inside diameter of 92mm. The roll outside diameter is approx 265mm. Each roll is wrapped up in plastic film.

### 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 15-35°C and 35% to 65% respectively.

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