

E6CR E20 Emulsion Chopped Strand Mat is made of randomly distributed chopped E6CR glass strands held together by an emulsion binder.

E6CR E20 is suitable to reinforce unsaturated polyester, vinyl ester, epoxy and phenolic resins.

E6CR 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 parts
- Superior acid corrosion resistance

Product Specifications

Property	Area Weight (%)	Moisture Content (%)	Size Content (%)	Breakage Strength (N)
Methods	ISO 3374	ISO 3344	ISO 1887	ISO 3342
E6CRMC225	±7.5	≤0.20	4.4(1±31%)	≥80
E6CRMC300	±7.5	≤0.20	4.0(1±31%)	≥100
E6CRMC375	±7.5	≤0.20	3.8(1±31%)	≥120
E6CRMC450	±7.5	≤0.20	3.7(1±31%)	≥140
E6CRMC600	±7.5	≤0.20	3.5(1±31%)	≥160
E6CRMC900	±7.5	≤0.20	3.3(1±31%)	≥200

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		1270		1524	
	Length, m	Weight, kg	Length, m	Weight, kg	Length, m	Weight, kg
E6CRMC225	119.7	28	119.7	34	119.7	41
E6CRMC300	96.2	30	96.2	37	98.2	44
E6CRMC375	76.9	30	76.9	37	76.9	44
E6CRMC450	79.1	37	79.1	45	79.1	54
E6CRMC600	59.3	37	59.3	45	59.3	54
E6CRMC900	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.

