

E6 Powder Chopped Strand Mats

PO4 for General Purpose

P04 Powder Chopped Strand Mat is made of randomly distributed chopped E6 glass strands held together by a powder binder.

P04 is compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins.

P04 is designed for use in hand lay-up, filament winding, compression molding 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

- ⦿ Fast breakdown in styrene
- ⦿ High tensile strength, allowing for use in hand lay-up process to produce large-area parts.
- ⦿ Good wet-through and fast wet-out in resins, rapid air lease
- ⦿ High mechanical strength of parts
- ⦿ Superior acid corrosion resistance

Packaging

Each Powder Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 90mm. The roll outside diameter is approximately 340mm. 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	4.5(1±31%)	≥90
EMC300	±7.5	≤0.20	3.4(1±31%)	≥120
EMC450	±7.5	≤0.20	2.4 (1±31%)	≥150
EMC600	±7.5	≤0.20	2.3(1±31%)	≥200
EMC900	±7.5	≤0.20	2.0(1±31%)	≥240

Size	1040		1270		1524	
	Length,m	Weight, kg	Length,m	Weight, kg	Length,m	Weight, kg
EMC225	162.4	38	161.0	46	160.4	55
EMC300	134.6	42	133.9	51	135.6	62
EMC450	106.8	50	105.0	60	105.0	72
EMC600	86.5	54	86.6	66	86.4	79
EMC900	57.6	54	57.7	66	58.3	80

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.

