



## P04 Powder Chopped Strand Mat (1.5 oz) for General Purpose

P04 Powder Chopped Strand Mat (CSM) is made of randomly distributed chopped E6 glass strands held together by an 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. The 1.5 oz mat is labelled as EMC450 (grams).

### SPECIFICATIONS

Type of Glass  
E6 Glass Strands

Type of Fiberglass  
Chopped Strand Mat (EMC)

Weight  
1.5 oz. per sq/ft or  
450 grams per sq/M

Widths Available  
38" or 965 mm  
50" or 1270 mm  
60" or 1524 mm

Most Common Sizes  
EMC450-965-P04  
EMC450-1270-P04  
EMC450-1524-P04

### FEATURES

- Compatible with multiple resin systems

### RESIN COMPATIBILITY

- Epoxy (EP)
- Phenolic resin
- Unsaturated polyester
- Vinyl ester

### USES

- Automotive parts
- Boats/yachts
- Building components
- Chemical corrosion resistant pipes
- Cooling towers
- Tanks

### TECHNICAL PARAMETERS

Area Weight (%)  
ISO 3374  
±7.5

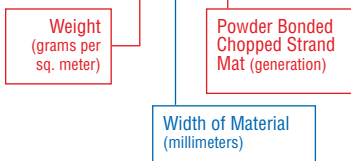
Moisture Content (%)  
ISO 3344  
≤ 0.20

Size Content (%)  
ISO 1887  
2.4 (1 ± 31)

Breakage Strength (N/tex)  
ISO 3342  
≥ 150

### NOMENCLATURE

EMC450-1270-P04

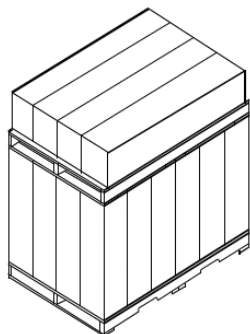
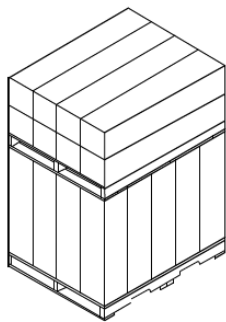
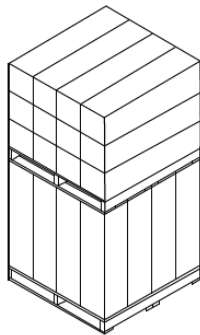


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### PACKAGING

Each Powder Chopped Strand Mat is wound onto a cardboard tube which has an inside diameter of 90mm. The outside diameter of the roll is approximately 340mm. Each roll is wrapped in plastic film and then packed in a cardboard box. The rolls are stacked horizontally or vertically onto pallets. All pallets are then stretch wrapped and strapped to maintain stability during transportation.



	Roll Weight (Kgs)	Roll Weight (Lbs)	Roll Length (Yards)	Roll Length (In.)	Roll Length (M)
<b>EMC450-965-P04</b>	46.00	101.41	115.00	4,140.00	105.00
<b>EMC450-1040-P04</b>	55.00	121.25	115.00	4,140.00	105.00
<b>EMC450-1270-P04</b>	60.00	132.28	115.00	4,140.00	105.00
<b>EMC450-1524-P04</b>	72.00	158.73	115.00	4,140.00	105.00

### STORAGE

Unless otherwise specified, fiberglass products should be stored in a dry, cool and moisture-proof area. Room temperature and humidity should always be maintained at 15°C – 35°C, 35% – 65% respectively.

Best used within 12 months after production date. Fiberglass products should remain in their original packaging until just prior to use.