



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

Weight
(grams per
sq. meter)

Powder Bonded
Chopped Strand
Mat (generation)

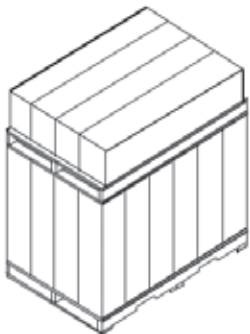
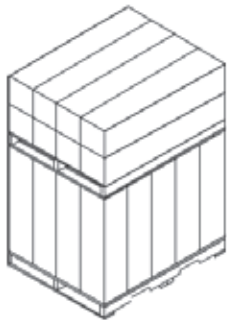
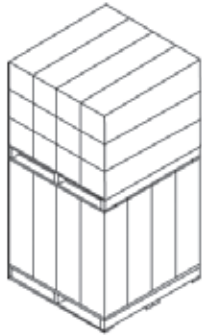
Width of Material
(millimeters)

PACKAGING STORAGE

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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)
EMC450-965-P04	46.00	101.41	115.00	4,140.00	105.00
EMC450-1040-P04	55.00	121.25	115.00	4,140.00	105.00
EMC450-1270-P04	60.00	132.28	115.00	4,140.00	105.00
EMC450-1524-P04	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.