

E6 Powder Chopped Strand Mats

E6 Powder Chopped Strand Mats are made of randomly distributed chopped strands held together by a powder binder.

E6 Powder Chopped Strand Mats are compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins.

E6 Powder Chopped Strand Mats are designed for use in Hand Lay-up, filament winding, compression molding and continuous laminating processes. The typical applications include marine, transportation, construction and corrosion.



Product Features

- Uniform density
- Good mat integrity and few loose fibers
- Good conformability.
- Fast resin wet-out, easy rolling out, rapid air release, reduced resin consumption
- High dry and wet mechanical strength of parts.
- Superior acid resistance

Product List

Product No.	Area weight (g/m ²)	Resin Compatibility	Remark
P02	225, 300, 375, 450, 600, 900	UP, VE, EP	General purpose
P04	225, 300, 375, 450, 600, 900	UP, VE, EP	General purpose, Quick solution in styrene
P10	100, 110, 135	/	For use in automotive headliners
P20	225, 300, 375, 450, 600, 900	UP, VE, EP	Soft mat, suitable for Hand Lay-up
P30	225, 300, 375, 450, 600, 900	UP, VE, EP	For use in continuous panels or transparent parts

Note: Powder Chopped Strand Mats are available in the width range of 50mm ~ 3120mm.

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 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.

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.