



## Powder Chopped Stand Mats

E-GLASS

**E-Glass Powder Strand Mats are an unwoven fabric consisting of randomly distributed chopped strands held together with a powder binder.**

### Product Features

- Uniform density ensures consistent fiberglass content and mechanical properties of the composites products.
- Uniform powder distribution ensures good mat integrity, little loose fibers and small roll diameter.
- Excellent flexibility ensures good moldability with no springback at sharp angles.
- Fast and consistent wet-out speed in resins and rapid air lease reduce resin consumption and production cost and enhance productivity and mechanical properties of the end products.
- The composite products have high dry and wet tensile strength and good transparency.



### Compatible Resins and Applications

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

The products are most widely used in hand lay-up process and can also be used in filament winding, compression molding and continuous laminating processes. The typical end-use applications include various panels, boats, bathroom equipment, automotive parts and cooling towers.

### Product List

Serial No.	Product No.	Area Weight g/m <sup>2</sup>	Resin Compatibility	Remark
1	P02	225, 300, 450, 600, 900	UP, VE, EP	General purpose
2	P04	225, 300, 450, 600, 900	UP, VE, EP	Fast wet-out, good moldability

Note: Powder Chopped Strand Mats are available with width range of 50mm ~ 3120mm. The products are available with different wet-out and break up speeds, depending on the requirements of customers.

### Packaging

Each Powder Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 90mm and the mat roll has a diameter of 265mm. The mat roll is wrapped up with plastic film, and then packed in a cardboard box or wrapped up with kraft paper. The rolls can be vertically or horizontally placed. For transportation, the rolls can be loaded into a container directly or on pallets.

### Storage

Unless otherwise specified, fiberglass products should be stored in a dry, cool and rain-proof area. It is recommended that the room temperature and humidity should be always maintained at 15 °C ~ 35 °C and 35% ~ 65% respectively.

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