Product Submittal Sheet

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Chopped Strand Fiberglass Mat | CF-225 Data Sheet — **Non-woven** | Powder binder

Introduction

Chopped fiberglass strand mat is a non-woven fabric produced from randomly laid fiberglass strands held together by a powder binder. CF-225 is designed to cover a wide range of layup techniques and application processes. It easily conforms to molds and has exceptional wet out properties.



Features

- Easily conforms to tight curves, corners and uneven surfaces
- Exhibits excellent mechanical properties
- Exceptional wet-out rates with a wide variety of resins
- Consistent filament binding and density for easy workability

Packaging

Width of roll (inches)	Lenght of roll (yards)	Square foot (feet²)	Net weight (lbs)	Rolls per pallet
50	176	2,200	101	9/12

Rolls can be packed vertically or horizontally. Rolls can be loaded into a container directly or onto pallets

Properties

Properties		Target Value	Measured Value
Unit Mass	g/m2	225±5%	225
R20 Content	%	≤0.80	0.75
Moisture Content	%	≤0.20	0.05
Loss of Ignition	%	3.5±1.0	3.18
Tensile Breaking Force (Wrap)	N/(150mm x 200mm)	≥100	258
Tensile Breaking Force (Weft)	N/(150mm x 200mm)	≥100	146
Resin Wet-out Rates		≤50	33

Product Data

Material: Non-woven chopped fiberglass strand mat

Storage

All stored materials must be kept dry. Fiberglass should be elevated off the ground, placed on a level platform, and shielded from weather and surface contamination. Fiberglass should be maintained at 50F-95F and 35%-70% humidity.

Typical Uses

CF-225 powder binded chopped strand mat is compatible with all resin systems including epoxy, polyester, vinyl ester and phenolic resins.

- Epoxy, polyester and vinyl ester compatible
- Suitable for mold making and laminating
- Most commonly used in hand layup processes and compression molding

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This technical information reflects the most current information available and supersedes any and all previous publications effective December 09, 2024.