

# Fiberglass Chopped Strand Mat



**CVS® Fiberglass Chopped Strand Mat is a randomly dispersed fiber mat that has equal strength in every direction.**

Using either an emulsion or powder binder, chopped glass strands are bonded together in mat form. The binder uniquely bonds the mat so that it exhibits fast wetout and conforms rapidly to a highly contoured shape.

As a porous, well-bonded mat, it maintains its integrity during impregnation and is very easy to use. CVS® Fiberglass Chopped Strand Mat is known for its excellent impregnation and wetout properties. It also delivers outstanding processing and mechanical properties, and they are compatible with most resin systems, including polyester, vinyl ester, epoxy, phenolic, polypropylene and polyamide.

## Applications:

Suitable for hand lay-ups and open-mold applications such as auto parts, boats, chemical tanks, swimming pools, etc. Frequently used with polyester resin to quickly build thickness for parts and between layers of fabric for building molds.

## Product Features:

- Heat, spark and flame resistant
- Chemical resistant
- Low thermal conductivity
- High dielectric strength
- Excellent processing and fast wet-out
- Excellent mechanical strength
- Conforms to tight curves and corners
- Can be torn or cut to size
- Non-toxic

## Technical Specifications:

Temperature Resistance up to	550°C
Moisture	<0.3%
Fiber Length	50 mm
Lost On Ignition	
Min.	2.3
Nom.	3.3
Max.	4.4
Laminated Properties	
Tensile Strength (DIN53455)	110 Mpa
Tensile Elongation (DIN53455)	1.7%
Tensile Modulus (DIN53455)	7880 Mpa
Flexural Modulus (ISO 178)	6800 Mpa
Flexural Strength (ISO 178)	212 Mpa
Flexural Elongation (ISO 178)	3.3%

## Availability:

IMPA	Product Description	Thickness	Size	Unit
-	Fiberglass Chopped Strand Mat	1mm	1m x 1m	meter*

\*When ordering, please specify the **total length required (in meters)** for the product.

## Disclaimer

Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

## We're Here To Help

Have questions about the services we offer, or enquiries about our product range?

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