

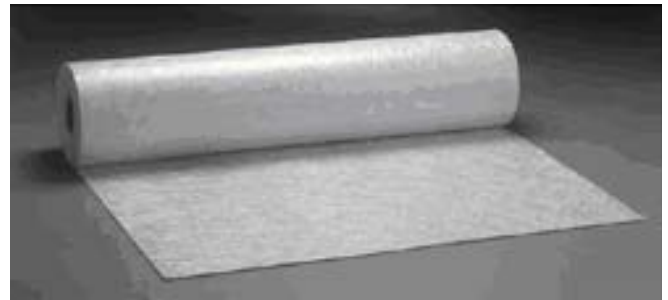


M134

Chopped Strand Mat for Hand-Lay Up

PRODUCT DESCRIPTION

M134 Chopped Strand mat is made with medium size strands of E-glass, held together by a powder binder which is extremely soluble in styrene. The basic strand has a sizing system containing a silane coupling agent.



PRODUCT REFERENCE

Example : M134 375-130 1B
M134 : OCV™ Reinforcements code for this Chopped Strand mat
375 : roll weight (g/m²)
130 : roll width (cm)
1B : number of trimmed edges (zero, one or two)

PRODUCT APPLICATION

This sizing system of the strands and the nature of the binder also make M134 suitable for use with epoxy, vinylester and anti-corrosion resins in the following applications: automotive, trucks, sport and leisure, urban, industrial and marine parts.

FEATURES AND PRODUCT BENEFITS

- Good drapability
- Easy wet-out
- Excellent clarity of the UP laminates
- Very high tensile strength, suitable for filament winding or continuous laminating
- Good resistance to watering and chemical agents in anti-corrosion applications
- Approved by Lloyd's Register.
- Approved by Det Norske Veritas.
- Approved by Croatian Register.

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

LINEAR WEIGHT (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
ISO 3374:1990	ISO 1887:1980	ISO 3344:1977
375 ± 20%	4.4 ± 40%	0.2
450 ± 20%	3.6 ± 39%	
600 ± 20%	3.6 ± 38%	

VISUAL CHARACTERISTICS OR POSSIBLE DEFECTS

- Unbound edges
- Holes (> 40mm) or tears
- Dirt spots (greater than 5 mm)
- Unopened strands
- Accumulation of fibers (>40mm)

Maximum number of defects allowed: Each area of 100 sqm of a roll of Chopped Strand mat may contain at most 6 of the defects listed above.

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PRODUCT AVAILABILITY

- The main advantage of M134 Chopped Strand mat is the availability of an extensive range of widths and weights (widths from 10 to 340 cm, nominal weights from 80 to 900 g/m²).
- Most combinations of weights and widths can be supplied.
- A roll is considered to be complete if it measures more than 70% of the nominal length.

ROLL CHARACTERISTICS				
Standard weight (g/m ²)	Standard width (cm)	Diameter (cm)	Length (m)	Weight (kg)
300	130	40	220	86
450			150	88
600			110	86

PACKAGING

Individual packaging:

- Each roll is wound on a cardboard tube (internal diameter 101 mm)
- Each roll is packaged in an individual cardboard box, 40 x 40 (L x W)
- The height is equal to the width of the mat.

Bulk packaging:

- 9 standard rolls are packed vertically on a pallet, secured by shrink-wrap polythene

PALLETIZATION					
Mat Width (cm)	Pallet Dimensions L x W x H (cm)	Net Pallet Weight (kg)			Pallet (vertical)
130	120 x 120 x 147	300g/m ²	450g/m ²	600g/m ²	9
		516	528	516	

Pallet height is equal to mat width + 17 cm. The pallet is wrapped with polyamide straps.

LABELING

Each pallet has two identification labels detailing the product reference, the net and gross weights in kg, packaging and product code, identification code of the palletized unit, production date.

STORAGE

The M134 mat should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C and humidity between 35 and 85%. If you store the product at lower temperatures, please move the soon to be processed pallets to the production area 24 hours ahead of time; remove part of the protective cover of each roll to prevent condensation. You can stock pallets one on one with a plywood plank in between the two.

Contact

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OCV™ Reinforcements

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