



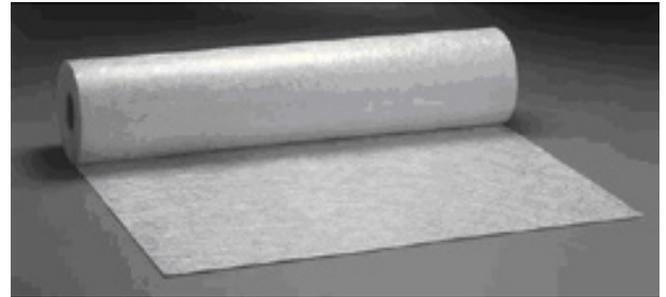
M534

Chopped Strand Mat for Hand-Lay Up

PRODUCT DESCRIPTION

M534 Chopped Strand mat is made from E-glass medium size Chopped Strands. They are held together by an emulsion binder, soluble in styrene, which gives M534 an excellent compatibility with UP resins.

The basic strand has a sizing system containing a silane coupling system.



PRODUCT REFERENCE

Example : M534 300 -1250 1B

M534 : OCV™ Reinforcements code for this Chopped Strand mat

300 : roll weight (g/m²)

125 : roll width (cm)

1B : number of trimmed edges (zero, one or two)

PRODUCT APPLICATION

Automotive, trucks, sport and leisure, urban, industrial and marine parts.

FEATURES AND PRODUCT BENEFITS

- Good tensile strength, ease of handling
- Easy impregnation, fast-wet-through and de-airing
- Low resin consumption
- High mechanical properties of the laminate
- Good drapability
- Approved by Lloyd's Register

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

LINEAR WEIGHT (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
ISO 3374: 2000	ISO 1887:1995	ISO 3344:1977
300 ± 20%	4.5± 40%	0.3
375± 20%	4.2± 40%	
450± 20%	4.0± 40%	
600 ± 20%	4.0 ± 40%	

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

- Upon customer request, M534 mat can be supplied in other widths (between 30 and 320 cm)
- A roll is considered to be complete if it measures more than 70% of the nominal length

PACKAGING (STANDARD REFERENCE)

Individual packaging:

- Each roll is wound on a cardboard tube (internal diameter 100 mm)
- Each roll is packaged in an individual cardboard box, 342 x 342 mm (9 rolls) or 388 x 388 mm (6 rolls)

Bulk packaging:

- Number of rolls per pallet = 6 or 9 vertical
- Pallet height is equal to mat width + 17.7 cm
- The pallet is secured by shrink-wrap polythene foil
- Roll widths over 160 cm (until 320 cm) are placed horizontally by 6 in wooden box or 15 rolls in metallic box

LABELING

Each pallet has two labels with this information: product reference, net and gross weight in kg, packaging and product code, identification code of the palletized unit, and production date.

STORAGE

The M534 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 between the two.



OCV™ Reinforcements

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