Woven Roving Combo Mat ESM2415

with Chopped Strands

E-Glass Woven Roving Combo Mat is a complex mat made by stitching together woven roving and a layer of distributed chopped strands. Its main specification is woven roving (300g/m²~900g/m²) with chopped strands (50g/m²~500g/m²).

SPECIFICATIONS

Type of Glass
E-Glass (E)

Type of Fiberglass
Woven Roving

Widths Available:
Maximum: 110 inches

FEATURES:

- Easy handling
- Fast wet-out
- High productivity
- High strength in a specific direction
- Increase of properties of laminated FRP in terms of tensile strength, delaminating resistance under stress and flexural strength
- No binder used
- Reduction of weight of FRP
- Smooth, shiny surface in finished molded parts

USES:

- Boats/yachts

PACKING:

Rolls are wound on tubes with high tension. The individual rolls can be wrapped in a plastic bag and protected by a cardboard box. The rolls can be in bulk or packed on pallets (no more than 3 rolls per layer). Pallets are protected by a platic film and reinforced with PET belts.

TECHNICAL PARAMETERS

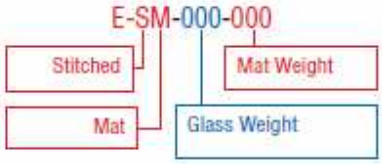
Overall Density:
1315.44 g/m²

Roving Density:
847 g/m²

Chop Density:
457.73 g/m²

Polyester Yarn Density:
10.71 g/m²

NOMENCLATURE



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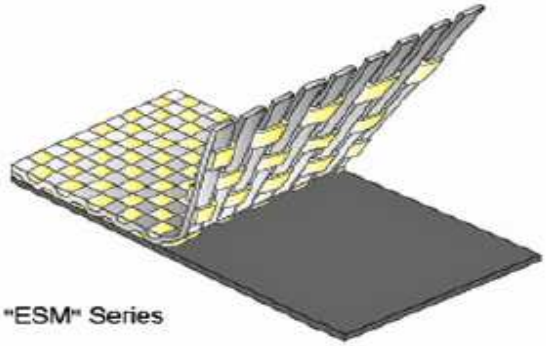

ESM2415

Fiber Type : E-Glass
Architecture: Woven roving combo mat
Dry Thickness: 0.081 in / 2.05mm
Total Weight**: 38.8oz/yd ^{2} / 1315.44g/m^2

Layer Number	Fiber Orientation	Yield(yds/lb)	Type	Micron Count	Ends per Inch	0z/yd^2	g/m^2
1	EWR800A		E-glass fiber	17	5	24. 99	847
2	mat	2400tex JUSHI	E-glass fiber	13	5	13. 5	457. 73
3							
4							
5							
Stich Yarn	Tricot		100% Polyester	150denier		0. 32	10. 71
Total						38. 8	1315. 44

* Packing: Box or Bag

** Total weight refers to reinforcement materials (does not include stitching)

STORAGE

Unless otherwise specified, fiberglass products should be stored in a dry, cool and moisture-proof area. Room temperature and humidity should always be maintained at 15°C – 35°C, 35% – 65% respectively.

Best used within 12 months after production date. Fiberglass products should remain in their original packaging until just prior to use.

To ensure safety and avoid damage to the product, the pallets should not be stacked more than two layers high. When the pallets are stacked in two layers, care should be taken to correctly and smoothly move the top pallet.