

Chopped Strand Mat

EMC450-1040/1270/1520

Identification

Example: EMC450-1270
EMC E-glass Power Bonded Chopped
 Strand Mat
450: Area weight (g/m²)
1270: Width (mm)



Product Description

Chopped Strand Mat is made from chopped glass fibers, which are bonded with powder or emulsion binders. It can be used in hand lay-up process to produce FRP products, such as plates, lighting board, hull, bathtub, cooling towers, anti-corrosion materials, vehicles.

Product Benefits

- Good transparency for the laminates
- Rapid wet out
- Easy to remove air bubbles
- Good dispersion and uniformity
- High wet-strength retention
- Good mechanical properties

Technical Characteristics

Sizing Type	Filament Diameter (μm)	Chopped Length (mm)	Area Weight (g/m ²)	Longitudinal Tensile Strength (N/150mm)	Width (mm)	Loss on Ignition (%)	Moisture Content (%)
/	ISO 1888	/	ISO 3374	ISO 3342	ISO 5025	ISO 1887	ISO 3344
Silane	±1	±5	±10%	≥80	-2/+8	3±2	≤0.20

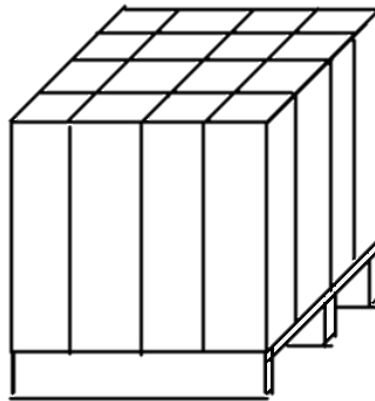
Product code	Glass Type	Filament Diameter(μm)	Chopped Length(mm)	Weight(g/m ²)	Width(mm)
EMC450-1040 EMC450-1270 EMC450-1520	E*	13	50	450	1040 1270 1520

*E/ECR/ECT glass types are available.

Packaging

Package	Core Inside/Outside Diameter(mm)	Roll weight[kg]	Carton box size (mm) L*W	Pallet size[mm] L*W*H
EMC450-1040	80/275	32	285x285	1140*1140*80
EMC450-1270	80/310	45	320x320	1280*1280*110
EMC450-1520	80/310	54	320x320	1280*1280*110

Pallets illustration



Note: Products can be packed according to the customer's request.

Storage

The products should be stored away from heat and moisture, and in their original packaging. The best conditions are: temperatures between 15 and 35 °C; humidity between 35 and 65 %.

If the product is not stored under these specifications, it is advisable to condition it in the workshop for at least 24 hours before use to prevent condensation.

CPIC recommends that the material be used according to FIFO (first in, first out) method.

It is recommended the use of a spacer plate (10mm) between the pallets.



ISO 9001

ISO 14001

OHSAS 18001