

Technical Data Sheet

EMC450

APPLICATION:

- Composed of E-glass chopped strands bounded with unsaturated polyester binder. Apply for hand lay-up.
- Compatible with unsaturated polyester resins and vinyl resins for manufacture of panel, boat hulls and other FRP parts.

PRODUCT PROPERTIES:

- Thickness steady and optimum stiffness.
- Excellent strands dispersion and outstanding bonding on double sides.
- Easy impregnation, good air-releasing performance and less resins consumption.
- Optimum wet out, excellent processibility, high abrasion and corrosion resistance
- Good mechanical properties

TECHNICAL SPECIFICATION:

Specification	Area Weight (G/m ²)	Binder Content (%)	Permeation (Rate/s)	Moisture (%)	Tensile Strength MD (N/150 mm)	Tensile Strength MD (N/150 mm)
EMC450	450±10%	3.7±0.8	≤20	≤0.20	≥70	≥70

[Specific product properties indicated in quality analysis report](#)

PACKAGING:

E-glass powder mat is packed in PE bags and put into cartons, stacked on pallets or separately put in cartons. Pallets should not be stacked over 2 layers and cartons not over 5 layers.

Roll width(mm)	roll weight(kg)	rolls/pallet	pallet size(mm)	weight per pallet(kg)
1040	30	12/16	1120*1120	360/ 480

STORAGE:

Products shall be placed under dryness condition and shall not be open the covering membrane until applying. It is better that the storage temperature with 5-35 grad and the humidity with 35%-65%.