

E-GLASS COMBO MAT

【Product description】

E-glass fabrics composed of E-glass fiber chopped in certain lengths, randomly dispersed and knitted with organic string together into normal knitted mat. One layer chopped strands and one layer woven roving knitted with polyester string together into combo mat.

The mat is applicable for use in filament winding, pultrusion, compression molding and RTM process. Compatible with unsaturated polyester resin, epoxy resins, manufacture of pipe linings, storage tanks and automobile parts

【Characteristics】

Consistent thickness, free of fuzz and contamination

Excellent dimensional stability, no displacement, high abrasion and corrosion resistance

Integration of unidirectional properties of woven roving and multidirectional properties of chopped stand mat

Good processability

Fast wet out, excellent laminate clarity

【Product data】

Product code	Width	Unit weight (g/M ²)		
		Total unit weight(g/M ²)	Weight chopped strands(g/M ²)	Weight woven roving(g/M ²)
ECW	150-3000	600-1250	300-600	300-1000

【Product specification】

Specification	Unit weight	Chopped stands(g/m ²)	Woven roving(g/m ²)	Width mm	Layers
ECW450/500	1050	450	500	150-3000	2

【Packaging】

Knitted mat is packed by plastic bags, placed into cardboard box or wrapped up with kraft outside, and stowed on pallet. Actual weight for each roll indicates on label. The boxes can be shipped in bulk or with pallet. The pallets should be stocked no more than 2-layer high.

【Storage】

The mat should be stored in dry, cool and rainproof place. Optimum storage conditions are between the temperature of 5°C-35°C and the humidity between 35%-65%. It is recommended that the material should be stored under room temperature for at least 24 hours before use. Prior to using the material, please do not open the bag to prevent moisture getting into the material.