



M821B

Mat for Vacuum, RTM, S-Rim & Press Molding

PRODUCT DESCRIPTION

M821B is a randomly oriented chopped strand mat produced with long fibers (4" & 6"). The strands are coated with a saline coupling agent and are bonded together in mat form using a small amount of low soluble polyester powder. M821B is produced using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glasses with the acid corrosion resistance of E-CR glass. Advantex® meets the requirements stated of both E and E-CR glass. The strands are chopped and distributed randomly and uniformly, resulting laminates with isotropic properties.



PRODUCT APPLICATION

M821B is designed to be compatible with polyester, epoxy, polyurethane and vinylester resins and used in process like RTM, Vacuum, S-RIM and Press Molding where is necessary good fiber washing resistance, softness and good conformability.

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

WEIGHT (GSM)	LOSS ON IGNITION (%)
300	5.5
400	4.0
450	5.5

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PRODUCT AVAILABILITY

WEIGHT (GSM)	WIDTH (CM)
300	140
400	
450	

PACKAGING

The mat is wound on a 10 cm inside diameter carton tube to an overall outside diameter of approximately 42 cm.

On occasion it will be necessary to wrap in rolls. Wrapped in rolls will consist of 3 pieces only, the shortest of which will have a minimum length of 10 meters. The location of the wrap will be flagged by a strip of colored paper.

NOMINAL MAT WEIGHT (GSM)	NOMINAL FULL ROLL LENGTH (42 CM ROLL DIAMETER)	FULL ROLL WEIGHT (140 CM WEIGHT)	FULL PALLET WEIGHT (FULL ROLLS)
300	83 m	35 kg	315 kg
400	75 m	42 kg	375 kg
450	68 m	43 kg	390 kg

The mat is wrapped in a polyethylene transparent stretch film prior to be placed vertically on a pallet. The mat rolls are unitized on the pallet with polyethylene transparent stretch film.

LABELING

Each pallet of mat is labeled on the outside with the following information:

- Product name and code
- Width of the roll
- Date of manufacture
- Weight of roll
- Team
- Number of the roll

STORAGE

Unless otherwise specified, it is recommended to store glass fiber products in a cool dry area. Glass fiber products must remain in your original packaging until just prior to its use. If these conditions are respected, no shelf line is established.

Contact

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