

WOVEN ROVINGS

Binani Woven roving is plainly woven from Rovings made from Boron free “E”- glass having polyester / Chrome – free Silane sized, with higher dimensional properties and regular distribution of fibreglass with excellent bonding strength among laminates, so the laminates possesses higher fibre content, tensile strength and impact resistance.

Standards Complied

BS: 3749 & IS: 11273

Major Product Approvals:

- Lloyd’s Register of Shipping
- Det Norske Veritas
- American Bureau of Shipping
- Indian Register of Shipping

Technical Characteristics

Standard Density (g/m ²)	Rovings Tex (gms / Km)	No . of Rovings per 100mm
360 ± 10%	300 ± 10%	Warp : 61 ± 5% Weft: 55 ± 5%
610 ± 10%	1200 ± 10%	Warp : 61 ± 5% Weft: 55 ± 5%
800 ± 10%	2400 ± 8%	Warp : 20 ± 5% Weft: 14 ± 5%

Features:

- Compatible with polyester, vinylester and epoxy resins.
- Made of continuous, untwisted E-glass direct rovings
- Good resistance to weave distortion.
- High mechanical strength in both directions of the weave.
- Excellent impregnation and low consumption of resin.
- Very good drapeability, making it suitable for very complex moulding.
- Easy processability in moulding techniques.



Applications:

- ❖ Automotive parts
- ❖ FRP Boat hulls
- ❖ Electrical parts
- ❖ Insulated Glue Joints

Products Availability

Density (gsm)	Width (cm)	Roll Weight (Kgs)
360,610,8900	100 or 125	50 - 60

Packaging

- Each roll is wound on cardboard tubes 76 mm ID x mat length.
- Each roll is covered in polyethylene bags and packed in corrugated cartons (27 x 27 cm) x standard length.
- 16 cartons per pallet are packed vertically, with stretch wrap protection.
- Pallet dimensions are 110cm. x 110 cm

Storage:

- Rolls should be protected from sun and to be stored vertically.
- Recommended storage conditions –
 - Temperature 25 - 40C.
 - Relative Humidity of 35 - 85%.
- To avoid moisture condensation, store packages for 24 hours under workshop conditions, before use.

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