

TECHNICAL DATA SHEET

PRODUCT NAME: E-GLASS WOVEN ROVING 450g/m², EP or UP or VE resin ~

E6DR17-600-312H, E6DR17-735-312H. PRODUCT CODE: EWR450F

E ---- **E6 GLASS**

WR ---- **WOVEN ROVING**

450 ---- **AREA WEIGHT (g/m²)**

input roving, 34x34 ends/10cm or 8.6x8.6 ends/in Plain Weave pattern, edge stitching is glass fibre locked leno, leno-to-lenno width (100m) with ½" (1.5cm) selvage.

E-Glass Woven Roving is bidirectional fabric made by interweaving direct rovings.

E-Glass Woven Roving is a high performance reinforcement. EP or UP or VE resin.

Product Features

- Warp and weft rovings aligned in a parallel and flat manner, resulting in maximum glass loading and uniform strength in both directions
- Fast and complete wet out in resins, enabling high productivity
- Good Mechanical properties and high strength of finished parts

Various Tests Conducted		Unit	Specification	Test Standard
Moisture Content		%	≤0.07	ISO3344:1997
Combustible Content		%	0.40-0.70	ISO1887:2014
Warp	Input Tex	g/km	600	ISO1889:2009
	Density	Yarns/cm	3.4	ISO4602:2010
	Area Weight	g/m ²	204	ISO3374:2000
Weft	Input Tex	g/km	735	ISO1889:2009
	Density	Yarns/cm	3.4	ISO4602:2010
	Area Weight	g/m ²	250	ISO3374:2000
Area Weight		g/m ²	454±4%	ISO3374:2000
Warp Breakage Strength		N	≥4100	ISO4606:1995

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Weft Breakage Strength	N	≥5000	ISO4606:1995
Roll Width	cm	100 /127	ISO5205:1997

Additional notes:

- 1) Roll-to-roll splicing is not permitted
- 2) No telescoping allowed

Packing and Labeling Specifications:

- 1) Individual rolls:

454g/m² x 100cm x 101m : 46kg

454g/m² x 127cm x101m : 58kg

Each roll is to be wrapped in plastic bag

- 2) Pallet packing: rolls to be packed horizontally
- 3) Individual roll: Each roll labelled outside
- 4) Pallet:Each pallet labelled on one sides
- 5) Label to include product description and manufacture date