

Technical Data Sheet

Woven Roving TRB

Reinforcement for General Laminates

Product Description

Woven Roving TRB is produced with continuous ends of Direct Roving, which is produced with ECT-glass – CPIC denomination for boron free E-glass. The chemical treatment of the Direct Roving is compatible with polyester, vinyl ester and epoxy resins.

Product Application

Woven Roving TRB is designed mainly for moulding of needed, as crafts and tanks for chemical industries.

composites pieces where high corrosion resistance is



Properties

- High wet out;
- Easy handling;
- Compact and easy removal of bubbles;
- Excellent mechanical properties

Identification

Example:	Woven Roving TRB 600 140
TR:	CPIC BRASIL Woven Roving Referência
B:	Bidirectional
600:	Nominal surface density (g/m ²)
140:	Width (cm)



Technical Characteristics

Product	Surface Density (g/m ²)	Loss on Ignition (%)	Moisture (%)
	ISO 3374	ISO 1887	ISO 3344
TRB 600	600 ± 60	0,50 ± 0,20	≤ 0,10
TRB 800	800 ± 80	0,50 ± 0,20	≤ 0,10

Physical Rolls Characteristics

Product	Width (cm)	Diameter (cm)	Length (m)	Net weight (Kg)
TRB 600	140	22,8	740	62,5
TRB 800	140	22,8	560	

Packaging

Each roll of TRB is wound onto a 100 mm internal diameter cardboard tube, protected in a plastic film, packed in a recyclable polyethylene film. The available packaging is shown below.

Layer	Roll / pallet	Dimension of the pallet L x W x H (mm)	Net weight (Kg)
4	20	1470 x 1140 x 110	1250

Storage

Woven roving TRB should be kept in their original packaging and stored in a sheltered area. The optimal conditions are temperature between 15 and 35° C inclusive and relative humidity level between 35 and 65% inclusive. If these storage specifications are followed, the product shall not suffer any significant changes even if kept for a long-term period.

It is allowed to stack one pallet using a wood sheet between packages. Packaging unit is the pallet.

CPIC BRASIL recommends that products be consumed using a first in, first out (FIFO) method.

Integrated Management System Certifications:

ISO9001

ISO14001

ISO45001