CPIC BRASIL Fibras de Vidro Ltda.
Rodovia Campinas - Tietê SP 101, km 40,5
Cx. Postal 1890 - Capivari - SP - CEP 13368-001
Tel.: +55 19 3492 9000 SAC: 0800 055 4112
www.cpicfiber.com.br

Technical Data Sheet

Direct Roving 465BR

Roving for Pultrusion and Weaving

Product Description

The Direct Roving 465BR is roving produced by winding glass filaments without twist onto cylindrical bobbins. 465BR sizing has a silane based coupling agent, which is compatible with phenolic resins.

Product Application

The Direct Roving 465BR is designed for pultrusion and weaving process.

Product Benefits

- Constant tension;
- Constant linear weight;
- Fast wet-through;
- Excellent mechanical properties.

Identification

Example:	**ECT465BR-4400**
ECT:	CPIC designation of the type of glass, E-glass boron free
465BR:	CPIC BRAZIL sizing reference
4400:	Linear nominal weight of direct roving (tex)

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Technical Characteristics

Linear weight (tex)*	Loss on ignition (%)	Moisture (%)	Tensile strength (N/TEX)
ISO 1889	**ISO 1887**	**ISO 3344**	**ISSO 3341**
4400 ± 220	0.25 ± 0.10	≤ 0.05	≥ 0.30

Roving Characteristics

Diameter (mm)		Nominal height (mm)	Nominal weight (kg)
Internal	External		
165	300	270	14 – 17*

*Can contain 4 bobbins between 8kg to 14 kg per pallet level

Packaging

Each Direct Roving 465BR is protected by a stretch film, which should not be removed until it is completely used. The rovings are packed in Octahedra packaging put over a wood pallet. The packaging unit is the pallet.

Packaging	Level	Pallet dimensions L x W x H (mm)	Net weight (kg)
Octahedra	3	1140 x 1140 x 950	816
Octahedra	4	1140 x 1140 x 1220	1088

*In case of specific requirements, please, contact us.

Storage

The Direct Roving 465BR should be stored away from heat and moisture, and in their original packaging. The best conditions are: temperatures between 15 and 35 ºC; humidity between 35 and 65 %.

If the product is not stored under these specifications, it is advisable to condition it in the workshop for at least 24 hours before the use, to prevent condensation.

Pallets can be stored in 2 levels (1+1) using a protection between them (cardboard or wood panel).

CPIC Brazil recommends material consumption according to FIFO method (first in, first out).

Integrated Management System Certifications:
ISO9001 ISO14001 ISO45001