**CPIC BRASIL Fibras de Vidro Ltda.**
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# Technical Data Sheet

# Roving ECT505BR

## Roving for Headliners and SMC

### Product Description

Roving 505BR are rovings produced by winding glass filaments without twist onto cylindrical coils.

505BR sizing has a silane based coupling agent, which is compatible with unsaturated polyester resins and polyurethane adhesives.

### Product Application

Roving 505BR is a product designed especially for headliners and production of pieces through SMC process.

### Product Benefits

- Easy chopping with all kinds of chopper;
- Excellent unwinding;
- No static;
- Excellent mechanical properties;
- Fast wet-through;
- Flat and uniform distribution;
- No fuzz.

### Identification

| | |
|---|---|
| **Example:** | **ECT505BR-4800** |
| **ECT:** | CPIC designation of type of glass**,** E-glass boron free |
| **505BR:** | CPIC BRAZIL sizing reference |
| **4800:** | Linear nominal weight of roving (Tex) |


FT.RA.ING0003, Revisão:03, Vigência: 25/08/2023

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## Technical Characteristics

| Linear Weight (tex) | Loss on ignition (%) | Moisture (%) |
|---|---|---|
| **ISO 1889** | **ISO 1887** | **ISO 3344** |
| 2400 ± 120 | 1,05 ± 0,10 | ≤ 0,20 |
| 4800 ± 240 | 1,05 ± 0,10 | ≤ 0,20 |

* Other tex options can be manufactured upon request.

## Roving Characteristics

| Diameter (mm) | | Nominal Height (mm) | Nominal Weight (kg) |
|---|---|---|---|
| Internal | External | | |
| 75 | 275 | 220 | 16 |

## Packaging

Each bobbin of the Roving 505BR is protected by a stretch film, which should not be removed until it is completely used. The rovings are packed in Quad Box with vertical knots put over a wood pallet. The packaging unit is the pallet.

| Packaging | Level | Pallet Dimensions Lx W x H (mm) | Net Weight (kg) |
|---|---|---|---|
| Quad Box | 3 | 1140 x 1140 x 800 | 770 |
| Quad Box | 4 | 1140 x 1140 x 1020 | 1024 |

## Storage

Rovings 505BR 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 (wood panel).

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

**Integrated Management System Certifications:**
**ISO9001 ISO14001 ISO45001**