

Technical Data Sheet

Roving ECT107C

Roving for Filament Winding and Chop

Product Description

Roving 107C are rovings formed by winding glass filaments without twist onto cylindrical coils.

107C sizing has a silane based coupling agent, which is compatible with unsaturated polyester resins and polyurethane adhesives.

Product Application

Roving 107C is designed for continuous production of pipes and tanks by filament winding process and chop.



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: ECT107C-2400

ECT: CPIC description of the type of glass, E-glass boron free

107C: CPIC BRAZIL sizing reference

2400: Linear nominal weight of roving (Tex)



Technical Characteristics

Linear Weight (tex)	Loss on ignition (%)	Moisture (%)
ISO 1889	ISO 1887	ISO 3344
2400 ± 170	1,35 ± 0,15	≤0,10
4000 ± 240	1,35 ± 0,15	≤0,10

Roving Characteristics

Diameter (mm)		Nominal Height (mm)	Nominal Weight (kg)
Internal	External		
75	275	220	17

Packaging

Each bobbin of the Roving 107C 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 L x W x H (mm)	Net Weight (kg)
Quad Box	3	1140 x 1140 x 800	816
Quad Box	4	1140 x 1140 x 1020	1088

Storage

Rovings 107C should be stored away from heat and moisture, and in their original packaging. The best conditions are: temperatures between 15 and 35 °C; 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