

Direct Roving 468GE



Identification

Example: ECT 468GE-2400
ECT: Boron Free E – Glass
468GE : CPIC sizing reference
2400: Linear nominal weight of roving (Tex)

Product Description

468GE roving is used in weaving applications in epoxide resin systems. The direct rovings can be used to manufacture multi-axial fabrics.

Product Benefits

- Good mechanical and fatigue properties
- As for the improvement of 468G, the 468GE can enhance the resin content by better penetration effect.

Technical Characteristics

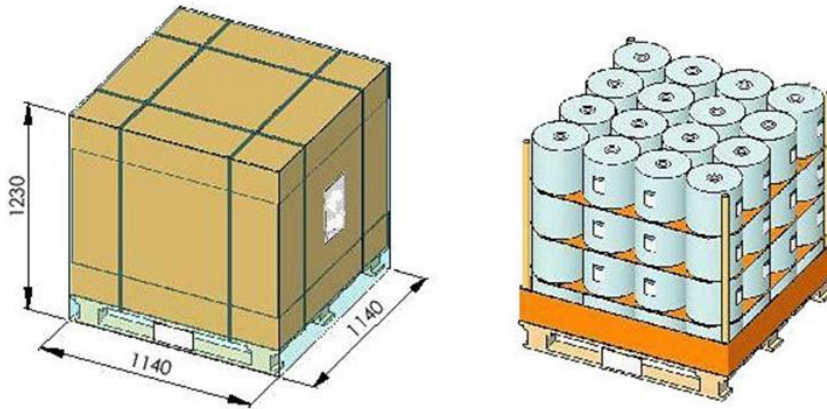
| Sizing type | Roving density [tex(g/km)] | Filament Diameter (%) | Moisture content (%) | LOI (%) | Tensile strength(N/Tex) | |
|-------------|----------------------------|-----------------------|----------------------|-------------------|-------------------------|------------|
| — | ISO1889 | ISO1888 | ISO3344 | ISO1887 | ISO3341 | |
| Silane | nominal value±5% | nominal value±1 | ≤0.10 | nominal value±0.1 | <1200tex | ≥0.40N/Tex |
| | | | | | ≥1200tex | ≥0.40N/Tex |

| Product code | Glass type | Filament Diameter[μm] | linear density [tex(g/km)] | LOI (%) |
|---------------|------------|-----------------------|----------------------------|---------|
| ECT468GE-300 | E/ECR/TM | 14 | 300 | 0.60 |
| ECT468GE-600 | | 14 | 600 | 0.55 |
| ECT468GE-900 | | 17 | 900 | 0.55 |
| ECT468GE-1200 | | 16 | 1200 | 0.55 |
| ECT468GE-2400 | | 17/22 | 2400 | 0.55 |

Packaging

Each roll of roving is wrapped by shrinkage packing or tacky-pack, then put into pallet or carton box, 48 rolls or 64 rolls each pallet.

Pallets characteristics



| Product | Levels per Pallet | Rovings per Pallet | Rovings per Level | Pallet Dimensions L x W x H (mm) | Net Weight approx. (Kg) |
|---------------|-------------------|--------------------|-------------------|----------------------------------|-------------------------|
| Direct Roving | 3 | 48 | 16 | 1140 x 1140 x 940 | 816 |
| Direct Roving | 4 | 64 | 16 | 1140 x 1140 x 1230 | 1088 |

Note: Please contact us if you have special requirements.

Storage

The rovings 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 use, to prevent condensation.

The pallets can be stored in 2 levels (1/1).

CPIC recommends that the material be used according to FIFO (first in, first out) method.

It is recommended the use of a spacer plate (10mm) between the pallets.



ISO 9001



ISO 14001



OHSAS 18001