

Direct Roving 465



Identification

Example: ECT 465-2400
ECT: Boron Free E – Glass
465: CPIC sizing reference
2400: Linear nominal weight of roving (Tex)

Product Description

465 Roving is used in filament winding, pultrusion and weaving applications in polyester resin systems or vinyl resin systems. The direct rovings can be used to manufacture the optical cable reinforced core, pultruded profiles and multi-axial fabrics.

Product Benefits

- Good mechanical and fatigue properties
- Low fuzz

Technical Characteristics

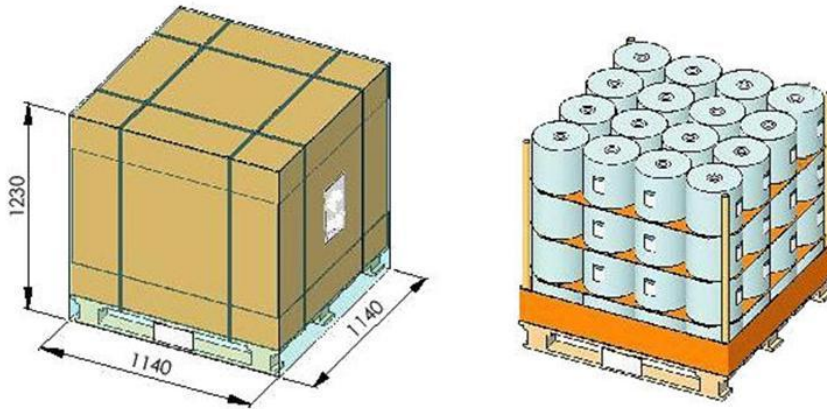
Sizing type	Roving density [tex(g/km)]	Filament Diameter (%)	Moisture content (%)	LOI (%)	Tensile strength(N/Tex)	
—	ISO1889	ISO1888	ISO3344	ISO1887	ISO3341	
Silane	nominal value±5%	nominal value±1	≤0.10	nominal value±0.1	<1200tex	≥0.35N/Tex
					≥1200tex	≥0.30N/Tex

Product code	Glass type	Filament Diameter[μm]	linear density [tex(g/km)]	LOI (%)
ECT465-300	E/ECR/TM	14	300	0.35
ECT465-600		14	600	0.35
ECT465-1200		16	1200	0.35
ECT465-2400		17	2400	0.35
ECT465-4800		24	4800	0.35

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