



P243 DELIVERING CLARITY IN TRANSLUCENT PANELS

P243 multi-end roving represents a compelling solution for manufacturing translucent panels using multiple types of cutting equipment.

- Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.
- Compatible with all usual resin systems.

FOR TRANSLUCENT PANELS

Product Benefits

Excellent Processing

- Designed for excellent processing at various line speeds, P243 roving features easy unwinding and chopping, flat lay-down, and uniform dispersion with low fuzz and static.
- With high impregnation and wet-through characteristics, the product allows excellent resin flow in translucent applications.

Impressive Aesthetics

- Excellent fiber distribution provides a homogeneous surface aspect with limited fiber prints, resulting in consistent thickness throughout the laminate.
- Absence of white fibers and fiber springback along with significant reduction of air entrapment ensures excellent translucency of laminates.

Enhanced Service Life

- Features Advantex® glass fiber, which combines the electrical (static-free properties) and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.

Application

P243 can be used in a variety of applications including building and transportation products related to ceiling, wall, and exterior or interior liner panels.

Technical Characteristics
(Nominal Values)

| LINEAR WEIGHT OF ROVING (TEX) | LOSS ON IGNITION (%) | MOISTURE CONTENT (%) |
|-------------------------------|-----------------------|-----------------------|
| ISO 1889: 1987 | ISO 1887: 1995 | ISO 3344: 1997 |
| EC 2400 | 0.52 | ≤ 0.20 |

Availability & Packaging

| PRODUCT (TEX) | DOFF DIAMETER INTERNAL (MM) | DOFF DIAMETER EXTERNAL (MM) | HEIGHT (MM) | NET WEIGHT (KG) |
|---------------|-----------------------------|-----------------------------|-------------|-----------------|
| EC 2400 | 75 | 290 | 260 | 22 |

Each P243 doff is protected by Tack-Pak™ polythene film and identified by an individual label; please do not remove film during use. Creel-Pak™ and customer specific packaging may be available upon request.

| PRODUCT (TEX) | DOFF Ø (MM) | PALLET DIMENSIONS L x W (CM) | LAYERS PER PALLET | DOFFS PER LAYER | TOTAL NUMBER OF DOFFS | PALLETS | | MANUFACTURING REGION |
|---------------|-------------|------------------------------|-------------------|-----------------|-----------------------|---------------------|------------------|----------------------|
| | | | | | | APPROX. HEIGHT (CM) | NET WEIGHT* (KG) | |
| EC 2400 | 290 | 119 x 90 | 4 | 12 | 48 | 120 | 1056 | Europe |

*Add 35 to 45 kg to obtain gross weight.

Labeling

Each doff has a self-adhesive identification label showing the product description, net weight, and production date. Each pallet has at least two identification labels detailing the product reference, pallet net and gross weights, production date, and pallet production code.

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 10°C and 35°C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, the product can be used up to 2 years from the date of manufacture, and retesting is advised after 1 year from the initial production date to ensure optimum performance.



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