



P246 Advantex® Glass Multi-End Roving for Chopping

PRODUCT DESCRIPTION

P246 is a multi-end roving produced using Advantex® glass fiber. Advantex glass fiber combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.

P246 is manufactured from a collection of continuous glass filaments gathered, without mechanical twist, into a single bundle. The roving is then wound and shipped in a tubeless package ready for use in customer continuous operations. P246 roving is medium solubility type. The basic strands are sized with a silane-coupling agent that provides excellent compatibility with the resin matrix.



PRODUCT APPLICATION

P246 has been designed for applications where the rovings are chopped and especially for:

- the reinforcement of car headliners
- the reinforcement of plaster
- the manufacture of panels, complexes and felters
- the filament winding processes with choppable roving
- the Drostholm process (chop and drop)

FEATURES AND PRODUCT BENEFITS

- Excellent processing characteristics
- Easy unwinding and chopping
- Good strands distribution
- No fuzz
- No static electricity
- Easy wet-out and impregnation
- Very good properties of moulded parts (no coloration, highly pigmentable, good mechanical properties)

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

LINEAR WEIGHT (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
ISO 1889 : 1997	ISO 1887 : 1995	ISO 3344 : 1997
2400	0.70	< 0.20

Refer to the Standard Product Specification for more precise information on the characteristics of the product.

VISUAL CHARACTERISTICS OR POSSIBLE DEFECTS

The cheeses should be cylindrical and the faces upright and plumb. The construction should be firm and uniform and the winding regular. Yellowing is in general very slight or zero, colour should be homogeneous throughout the batch and should not deteriorate with time. The cheeses should be free from all blemishes such as oil or grease stains, dust etc...

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PRODUCT AVAILABILITY

Cheeses for internal unwinding.

CHARACTERISTICS OF COMPLETE CHEESES			
Internal diameter (mm)	External diameter (mm)	Height (mm)	Approx. nominal weight (kg)
75	290	260	20

PACKAGING

- Each cheese is wrapped in a polyethylene stretched film opened on the top which should not be removed when it is used, and is identified by an individual label.
- Each pallet is contained within cardboard base, belt and lid. The assembly is held together by plastic straps and can be wrapped in a polyethylene film. Cardboard tubes or alternatively wood staffs reinforce the four corners.
- The standard packaging is made with cheeses packed individually, the Vetrocreel presentation is available on request (i.e. end of cheeses together for continuous unwinding, directly from the pallet).

CHEESES PER PALLET	LAYERS PER PALLET	CHEESES PER LAYER	PALLET DIMENSIONS L X W X H (CM)	APPROXIMATE NET WEIGHT (KG)
36	3	12	119x90x80	720
48	3	16	119x119x80	960
48	4	12	119x90x120	960
64	4	16	119x119x120	1280

Weights given hereafter are approximate values

LABELING

- Individual packaging identification: Each cheese has a self-adhesive label of identification, indicating the product reference and the production date.
- Pallet identification: Each pallet shall bear two labels of identification indicating the product reference, the pallet net and gross weights, the production date and the pallet production code.

STORAGE

P246 roving using *Advantex* should be stored dry, in its original packaging. The best conditions are temperature between 15 and 35°C and at a relative humidity between 35 and 85%.

If the product is stored at low temperature (below 15°C) it is advisable to condition it in the workshop, for at least 24 hours before use, to prevent condensation.

Static stacking of the pallets is possible one plus one (1/1), but it is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

This product must be used within 12 months of delivery.

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