

Roving for long fiber Polypropylene

RO99 P319

Technical data sheet

RO99 P319 is an E-glass direct roving, specially designed for use in long fiber pellets thermoplastics process (LFT & direct LFT).

RO99 P319 allows a very good impregnation at high throughput and generates low fuzz build-up during processing.

It is treated with silane based coupling , specially designed to provide excellent mechanical performance with polypropylene resin systems.

Identification

Example : RO99 2400 P319

RO99 : SG Vetrotex code for direct rovings
2400 : nominal linear weight of roving (tex)
P319 : SG Vetrotex code for sizing system

Technical characteristics (nominal values)

Linear weight (tex)	Filament diameter	Loss on ignition (%)	Moisture (%)
ISO 1889	(μm)	ISO 1887	ISO 3344
1200	17	0.60	≤ 0.10
2400	17	0.60	≤ 0.10

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

Products available (standard ref.)

Cheeses for internal unwinding.

Characteristics of complete cheeses			
Internal diameter (mm)	External diameter (mm)	Height (mm)	Approx. nominal weight (kg)
165	310	260	20.5

Properties

- excellent processing characteristics
 - outstanding impregnation in PP
 - no fuzz
 - no static electricity
- high level of mechanical properties with polypropylene resin systems



Packaging (standard ref.)

- Individual packaging : each cheese is packaged in a wrapped film which should be retained in place during unwinding.
- Bulk packaging : cheeses are palletised and enclosed with a cardboard cover and a stretched film.

Cheeses per pallet	Layers per pallet	Cheeses per layer	Pallet dimensions L x W x H (cm)	Approximate net weight (kg)
44	4	11	120 x 100 x 120	900

Shipment (standard ref.)

Weights given hereafter are approximate values

Road transport		Sea transport	
Standard trailer 13.40 m		20' container	
Number of pallets	Net weight (t) (maximum)	Number of pallets (maximum)	Net weight (t)
24	22	20*	16

* On two levels : 1 level of pallets with 4 layers and 1 level of pallets with 3 layers.

Storage

RO99 roving must be stored in its original packaging away from humidity and at a moderate temperature. The best conditions are at a temperature between 15 and 35°C and at a 35 to 65% relative humidity level.

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. The stretched film must be removed just before use.

Static stacking of the pallets is possible up to two high (1/1).

SG Vetrotex Disclaimer

It is the customer's responsibility to satisfy himself that the Product is suitable for its intended use, taking into account the other components used and the fabrication process. SG Vetrotex commercial service is willing to give advice to the customer about the Product, subject to the customer acknowledging that SG Vetrotex will not be held liable for the advice in any way whatsoever. If it is established that the Product is unsuitable for its intended use and the customer has, nonetheless, continued to use the Product for that use, he does so at his own risk. SG Vetrotex will not accept any claim notified more than 6 months after sale of the Product. In any event, SG Vetrotex's liability is limited to the price of the Products and SG Vetrotex does not accept liability for any indirect or consequential loss or loss of profit. SG Vetrotex does not limit its liability for death or personal injury caused by its negligence.

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For further information our web site: www.vetrotexeurope.com

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