



P219

Roving for Centrifugal Casting

PRODUCT DESCRIPTION

P219 is a multi-end Advantex® glass roving for the manufacture of composite pipes by centrifugal casting technology.

It has a sizing system with a silane-coupling agent. It has been designed to provide optimal choppability and very fast wetting. The Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.



PRODUCT REFERENCE

- Example : EC 2400 P219
- E : Type of glass
- C : Type of process, continuous
- 2400 : Roving linear weight (tex)
- 5219 : OCV™ Reinforcements code for sizing system

FEATURES AND PRODUCT BENEFITS

- Excellent choppability
- Flat wet-out and impregnation
- No static electricity
- Flat lay down and even dispersion
- Consistent integrity
- Excellent mechanical properties

TECHNICAL CHARACTERISTICS (nominal values)

| Linear weight of roving (tex) | Loss on Ignition (%) | Moisture content (%) |
|-------------------------------|----------------------|----------------------|
| ISO 1889 | ISO 1887 | ISO 3344 |
| 2400 | 1.25 | ≤ 0.20 |

VISUAL CHARACTERISTICS

The cheeses should be cylindrical and the faces upright. The construction should be firm and uniform and the winding regular.

Yellowing is generally very slight or zero, color should be homogeneous throughout the batch and should not deteriorate with time.

The cheeses should be free of oil or grease stains, dust, etc.

P219

Roving for Centrifugal Casting

PRODUCT AVAILABILITY (standard ref.)

| Product | Cheeses characteristics | | | |
|---------|-------------------------|----------|-------------|-----------------|
| | Diameter (mm) | | Height (mm) | Net weight (kg) |
| | Internal | External | | |
| EC 2400 | 75 | 280 | 260 | 20 |

PACKAGING

- Each P219 cheese is protected by a shrink-wrap polythene film and identified by an individual label. Please do not remove film during use.
- Vetrocreel packaging is available upon request.

| Product | Cheese diameter (mm) | Pallet dimensions L x W (cm) | Layers per pallet | Cheeses per layer | Total number of cheeses | Vetrocreel | Pallets | |
|---------|----------------------|------------------------------|-------------------|-------------------|-------------------------|----------------|---------------------|------------------|
| | | | | | | Number of ends | Approx. height (cm) | Net weight* (kg) |
| EC 2400 | 280 | 114 x 114 | 3/4 | 16 | 48/64 | 1-2-4-16 | 93/119 | 912/1216 |

* Add 35 to 45 kg to obtain gross weight

LABELLING

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

STORAGE

The P219 roving should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C and humidity between 35 and 85%. If you store the product at lower temperatures, please move the soon-to-be-processed pallets to the production area 24 hours ahead of time. You can stock pallets one on one with a plywood plank between the two.

Contact

MultiEndRovings.ocvamericas@owenscorning.com MultiEndRovings.ocvemea@owenscorning.com MultiEndRovings.ocvap@owenscorning.com



OWENS CORNING
COMPOSITE MATERIALS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK™
www.owenscorning.com
www.ocvreinforcements.com

EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.
166, CHAUSSÉE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32 2 674 8211

OWENS CORNING - OCV ASIA PACIFIC
SHANGHAI REGIONAL HEADQUARTERS
2F OLIVE LVO. MANSION
620 HUA SHAN ROAD
SHANGHAI 200040
CHINA
+86.21.62489922

This information and data contained herein is offered solely as a guide in the selection of a reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance regulation.

Pub. Nber 10010697. Owens Corning reserves the right to modify this document without prior notice. © 2009 Owens Corning

MultiEndRov_P219 Advantex_ww_04-2009_Rev 0