



P316

Chopped Strands for BMC

PRODUCT DESCRIPTION

P316 chopped strands are made from E-glass continuous filaments treated with a polyester-compatible size. They are particularly suitable for producing compounds intended for either compression or injection moulding in the production of thermoset composites.



PRODUCT REFERENCE

- Example : EC 17 6 mm P316
- E : Glass type
- C : Continuous process
- 17 : Filament diameter (µm)
- 6 : nominal length of chop
- P316 : OCV Reinforcement code for sizing system



FEATURES AND PRODUCT BENEFITS

- Easy mixing into the resin
- Because of their whiteness P316 chopped strands do not colour the compound
- Good dispersion of the fibres in the GMT sheets
- Improved mechanical properties in both compression-moulded and injection-moulded parts.

TECHNICAL CHARACTERISTICS (nominal values)

Loss on Ignition (%)	Moisture content (%)
ISO 1887: 1995	ISO 3344: 1977
0.65	<0.1

VISUAL CHARACTERISTICS

The chopped strands P316 are white in colour and should be free from any general contaminants such as metallic particles, fuzz deposits having a size superior to the double length of chopping. Production conditions of chopped strands P316 have been particularly optimized to limit eventually yellow organic deposits appearing a very low rate.

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PRODUCT AVAILABILITY (standard ref.)

Reference	Filament diameter (µm)	Chopped length
P316	17	3
		6
		12

PACKAGING (standard ref.)

Examples of collective packaging :

Product		Bag net weight (kg)	Number of boxes per pallets	Pallet dimension L x W x H (cm)	Pallets*net weight (kg)
P316	3 mm	20	33	120 x 90 x 115	660
	6 mm	20	33		660
	12 mm	15	33		495

* Add 35 to 45 kg to obtain gross weight.

LABELLING

- Each bag has one identification label showing the product reference and the nominal net weight in kg.
- Each pallet has two identification labels detailing the product reference, the net and gross weights in kg, the pallet identification code.

STORAGE

The chopped strands 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 in between the two.



OCV™ Reinforcements

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

**OWENS CORNING
FIBERGLAS, SPRL.**
166, CHAUSSEE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32.2.674.82.99

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

Contact:
BMChoppedStrands.ocvamericas@owenscorning.com

Contact:
BMChoppedStrands.ocvaemea@owenscorning.com

Contact:
BMChoppedStrands.ocvap@owenscorning.com

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