Graminflex® PE 30

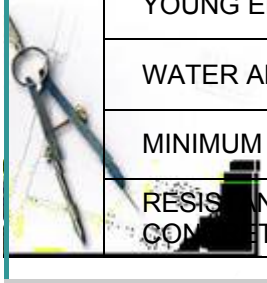
la matassina

Rev. 03

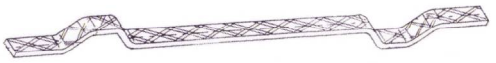
TECHNICAL INFORMATION

The fibre Graminflex® PE30 is a polymeric fibre for a structural use and it has received the Conformity Certificate CE n.1372-CPD-0648 issued by the authorized Institute D.CEE 89/106 No.1372 and whose performances comply with **UNI EN 14889-2**.

TECHNICAL FEATURES	
MATERIAL	Oriented fibers extruded polyester
COLOUR	Grey
DENSITY	1,36 g/cm^3
TENSILE STRENGHT	400 - 800 MpA
MELTING POINT	253 °C
STARTING POINT	500 °C
YOUNG ELASTIC MODULUS	11,3 KN/mm^2
WATER ABSORPTION	0,04%
MINIMUM ELONGATION	8%
RESIS NCE TO ALKALIS IN CO TE	Good



FIBRE SHAPE



Width: **1,20 mm**

Thickness: **0,45 mm**

Length: **30 mm**

Shape: **double hook**

PACKAGING

The materiel is packed on 5-kg nylon bags set on pallets.

Do not stack the pallets.

STORING

The “Graminflex®” fiber can be easily stored outside in uncovered areas since it is not subject to corrosion and its packaging is damaged neither from rain nor sun.

ATTENTION

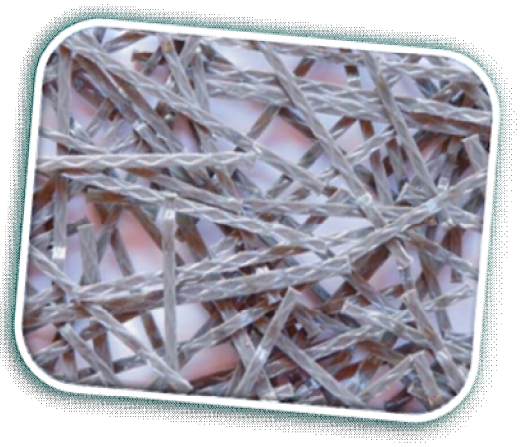
It is necessary to make sure that the mixture of fiber with your products (concrete, additives and everything added to the mixing of cement) does not cause any anomaly in chemical reaction. The information specified in this document bases on our current knowledge and experience; therefore they can imply neither a guarantee from our side nor any responsibility about the use of our products since the terms of use are not under our control.

HOW TO USE

An important aspect about the **Graminflex® PE30** fibres is that they can be added in remarkable quantities to the mix, without problems of balls or nests creation and **without using special equipment for their distribution and loading.**

It is in fact just necessary to empty the bags into the truck mixer once concrete is ready, as its **last ingredient**, or on the loading belt with the aggregates.

For achieving good results we recommend a minimum **dosage** of “Graminflex®” **from 2 to 7 kg/m³ ;**



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This edition cancels and repalces all the previous ones.