

PRODUCT INFORMATION**GW190-ET**

GW190-ET
Water blocking polyester yarn
210 tex
Super swelling material
Used in Optical Fiber Cables, Communication Cables and Power Cables
Product Code: 019004100144



GW190-ET has been designed to reach into the top level of swellable power fibers.

Starting from a 1st Quality high tenacity polyester fiber and last generation super absorber polymer, this fiber has superior tensile strength compared with other water blocking fibers in market.

Main characteristic for the GW190-ET is its immediate reaction against water as well as its water-absorption capacity, close to 50 ml/g after 10 minutes.

We can manufacture these yarns with several sizes and wound on cardboard tubes following your needs.

BENEFITS & FEATURES

In product...

- Flat fiber, with regular and continuous width and thickness
- Smooth coating, doesn't create any interference in cable surface
- First quality raw material
- Few dust during manipulation

In performance...

- Non conductive material
- Excellent swelling values compared with other water blocking yarns.
- Quick reaction against water

In packing...

- Pressed and precision wound, guarantees high-speed serving during cable jacketing
- Tailored spools: by exact meters or diameter
- Plastic bag for each package, keeps the yarn in perfect shape for usage, even is stocked for a long periods
- Automatic label generation, allows to trace the whole process
- Each batch is delivered with Quality Certificate of properties.

PRODUCT INFORMATION

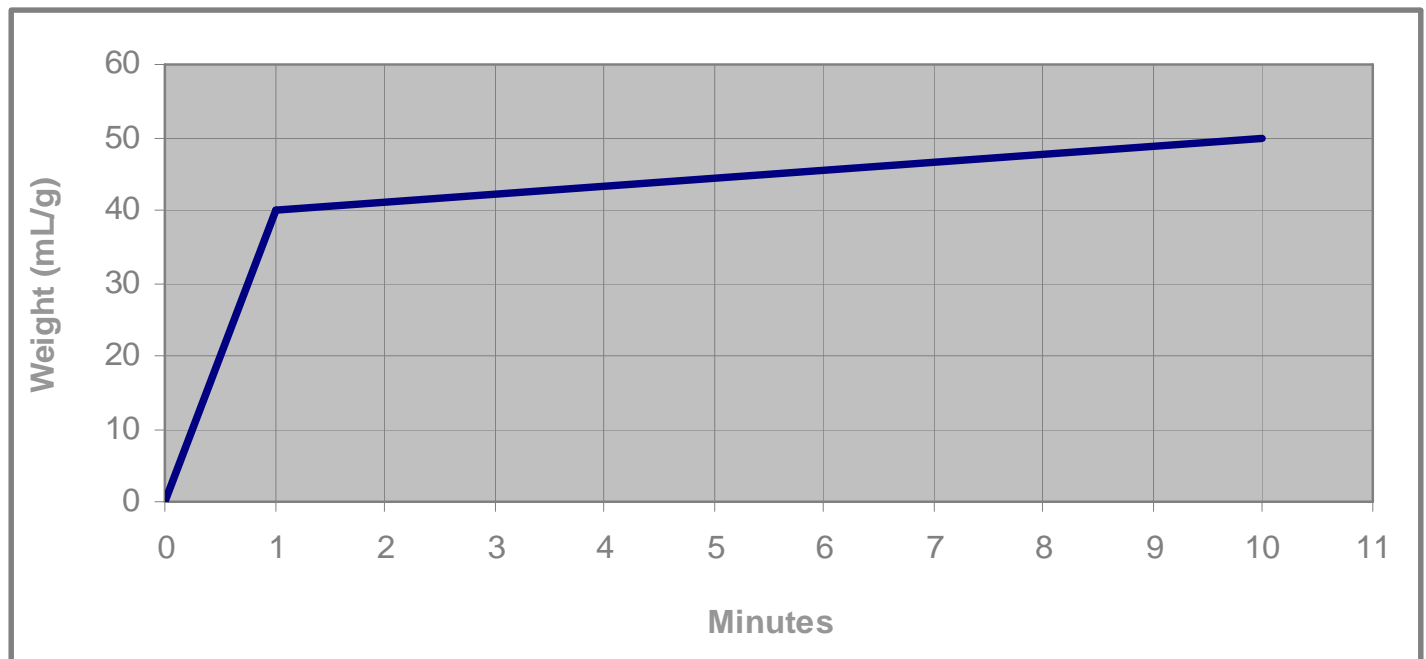
GW 190-ET

PHYSICAL PROPERTIES

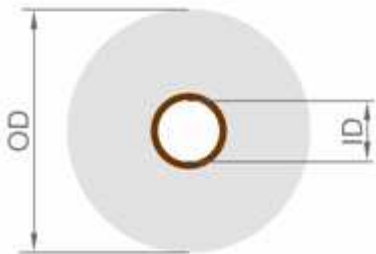
Product Property	Unit	Lowest value	Nominal Value	Uppest Value
Linear density	TEX	185,00	210,00	235,00
Weight	Gram/meter	0,19	0,21	0,24
Runnage	meters/Kilogram	4.166,67	4.761,90	5.263,16
Absorption speed (1min) ⁽¹⁾	mL/g	35,00	40,00	-
Absorption capacity (10min) ⁽¹⁾	mL/g	45,00	50,00	-

1  Deionized water, 20°C

ΔWEIGHT VS. TIME (IMMERSED IN WATER)



Packing Details



Tube reference	Inner Diameter	Length	Traverse	Outer diameter (max)	Surface
T76x275	76 mm	275 mm	250 mm	300 mm	Rough
T94x215	94 mm	215 mm	195 mm	300 mm	Rough
T94x290	94 mm	290 mm	250 mm	300 mm	Rough
T107x215	107 mm	215 mm	195 mm	300 mm	Rough
T127x215	127 mm	215 mm	195 mm	300 mm	Rough and sliced

D I S C L A I M E R

Data and values shown in this file are according our tests in laboratory. Although comes from our experience and knowledge, can not be used as a warranty of any kind because too many factors are involved in results, so we can not get any responsibility from here.

Accepting product described here, end-user agrees to make by himself necessary tests to be sure that product is suitable for desired application.

In the same way, **GOTEX S.A.** keeps the right to make changes in this data sheet without previous notice.

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