

PRODUCT INFORMATION**PT 1 1 0x3**

PT 110x3
High tenacity twisted polyester yarn
345 tex
Binder yarn
Used mainly for OPTICAL FIBER CABLES
Product Code = 033003141168



PT110x3 product is a high tenacity twisted polyester yarn, with 3 ends. Firstly, each yarn is twisted alone in one direction and secondly they are joined together with another twist process, with opposite direction as first, to balance the cord

The **PT110x3** the product is flat and regular shaped, with constant diameter.

BENEFITS & FEATURES

In product...

- Flat fiber, with regular and continuous diameter, prevents damage on surface of loose tubes during binding process.
- Smooth and soft, doesn't create any interference in cable surface
- First quality raw material
- No dust during manipulation

In performance...

- Non conductive material
- Variable level of flexibility, with good adaptation to cable shape

In packing...

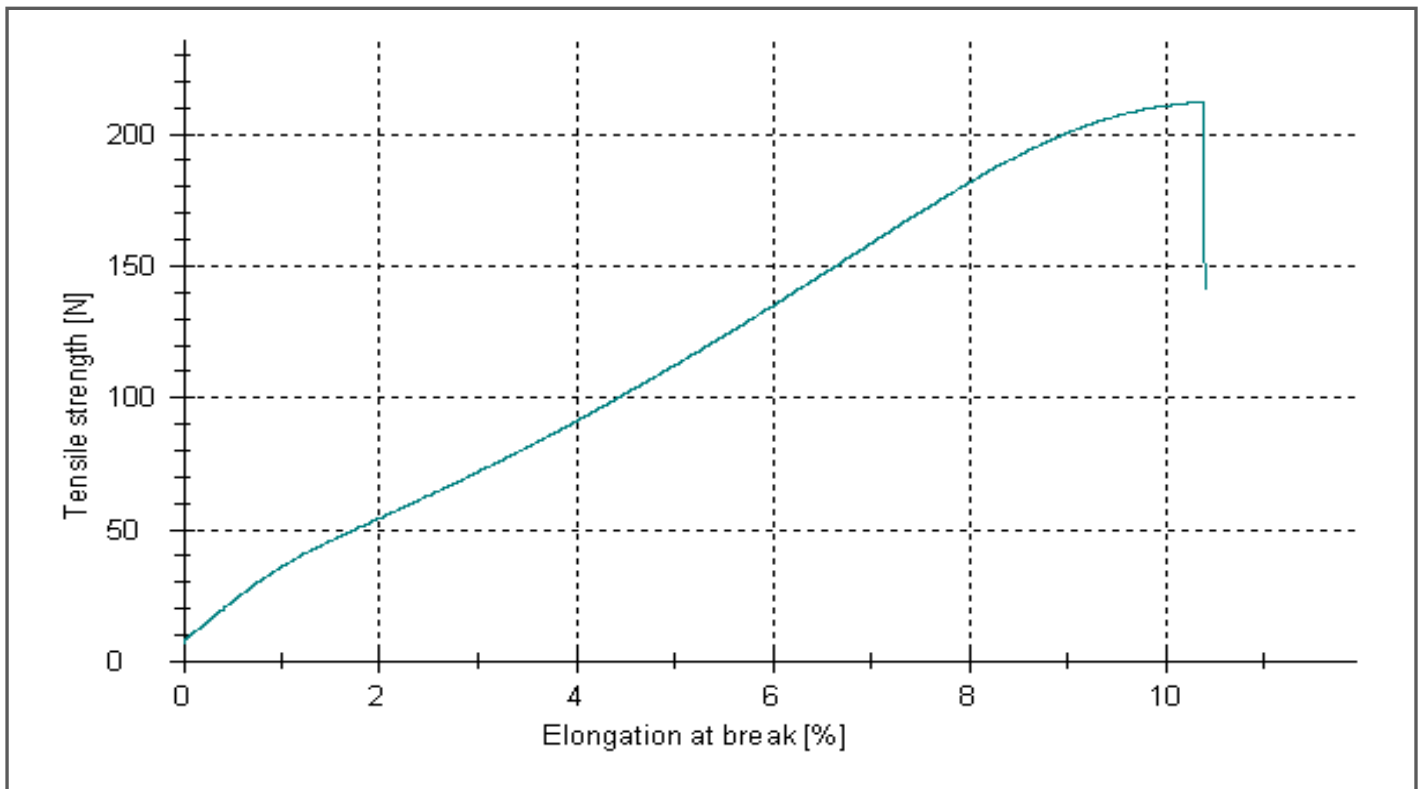
- Pressed and precision wound, guarantees high-speed serving during cable binding
- Available with slit tubes for easy removal from shafts
- Tailored spools: by exact meters or diameter
- Yarn queue is identified with a green label for easy processing
- Plastic bag for each package, keeps the yarn in perfect shape for usage, even is stocked for a long periods
- Textured cardboard surface to prevent yarn' slipping through the tube.
- Automatic label generation, allows to trace the whole process
- Each batch is delivered with Quality Certificate of properties.

Technical Data

Product Property	Unit	Lowest value	Nominal Value	Uppest Value
Linear density	TEX	310,00	345,00	380,00
Young Modulus	Gpa	-	11,00	-
LASE 0,50% ⁽²⁾	Newton	19,00	22,00	-
LASE 1,00% ⁽²⁾	Newton	31,00	35,00	-
Weight	Gram/meter	0,31	0,35	0,38
Runnage	meters/Kilogram	2.631,58	2.857,14	3.225,81

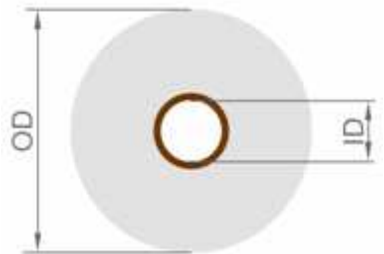
1 Test-speed: 100mm/min 2 Pre-tension: 0,02 N/Tex

TENSILE STRENGTH GRAPH



The graph is only displaying estimated values. Please do not use it for identifying the product properties. For accurate values we refer to the numerical data.

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 ** slitted **	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.

Date appeared in this document cancels old editions.

More information and updated weekly news available at:

www.gotexweb.com