

Polypropylene High Tenacity Yarn



Polypropylene is synthetic yarn widely used in ropes, distinctive because it is light enough to float in water.

It is often chosen for its resistance to corrosion and chemical leaching, also for its high tensile strength and its low weight compared to other materials.

Polypropylene fibre is not very heat-resistant, as it is not treated.

It is well known for its low level of moisture absorption and its resilience against most forms of physical damage.

This fibre has good resistance to fatigue and other interesting properties:

- **Good resistance to mildew and chemicals**
- **Great versatility**
- **Excellent chemical resistance**
- **Good UV stability**

Technical specifications	Value
DTEX RANGE	800 > 4400 and further...
TWIST	Z / S
TENACITY cN/DTEX	6 > 6,6
ELONGATION %	
BREAKING STRENGTH (N)	
HOT AIR SHRINKAGE % (2 min 180°C)	3 > 6

All test methods according to BISFA.

All technical references are indicative, to have more information please ask for the specific technical details of the count you need.

We can use basic polypropylene high tenacity yarn to produce our cable and half cable semi- manufactured.



COLOURS

Eurotexfilati's Polypropylene yarns can be delivered in raw white, as well as in other colours, and with specific UV resistance upon request.

Please consult with Eurotexfilati to have more information about the color card available.

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Material	Ductility	Strength (Wet/Dry)	Resistance					
			UV	Temperarute	Abrasion	Creep	Tension / compression fatigue	
PP								

* Indicative properties, classified by colors as **LOW**, **MEDIUM**, **HIGH**.
**Actual performance will depend on the rope construction and application



PACKAGING INFORMATION

Tube internal diameter	72, other tuber on request
Mt/bobbin	On request
Diameter of bobbin	On request
LxWxH	120x120x105
	115x115x105
	130x110x105

