

CF yarns





CF yarns: About us

Zaman Polymer Brand

Since its inception in 2020, Zaman Polymer is producing Polypropylene CF Yarn in deniers ranging from 150 to 3000. Our production is carried out at our factory with 3800 m² area, located at Owadandep industrial zone in Ashgabat, Turkmenistan.

One of our advantages is being located at crossroads of Great Silk Road bridging East and West. At the same time Turkmenistan has vast natural resources as well as great raw materials production plants providing best of quality polypropylene to local markets. This helps us in providing best in class price and quality.

Production lines with state of art technology from world renowned SML of Austria are used to ensure that high-quality yarns are delivered. With the main goal being “customer oriented” service. Zaman Polymer’s philosophy is quality and trust. Values that bind us every day to deliver excellent products to our customers, just in time, every time.

Our employees are trained to maximize service quality to our customers and provide swift technical support when needed to deliver high quality CF yarns.

All of our products are subjected to regular quality control in our own laboratory using German-based ZwickRoell technology.



CF yarns: Properties

Polypropylene CF yarns

Providing flexibility, low thermal conductivity, low moisture absorption, low static electricity, and excellent chemical resistance are all advantages of polypropylene CF yarns.

The lightest and most versatile thread in the textile industry is polypropylene yarn. Polyp yarn and PP yarn are other names for the same yarn.

Polypropylene yarn offers a sanitary structure that is free of allergens. Because it does not keep moisture and water, dirt and stains.



CF yarns: Properties

Polypropylene CF yarns

In terms of recycling and reusability it is in a better position than many other yarn types.

At the required ratios, it is a form of yarn that can also be given exceptional strength properties. It possesses characteristics such as great durability and tenacity, which are obtained through manufacturing applications.

Because of its technical advantages, it is not only the most popular yarn type in the narrow weaving industry, but also in a variety of other disciplines and industries.

Product Properties

Technical Properties

Product
Raw Material
Article
Type and Color
Denier
Filament Count
Intermingling dots / Entanglement
Shrinkage
Tenacity values
Elongation values
Spin finish

Yarn Parameters

Multifilament Polypropylene Yarn / Zaman Polymer 150d
PP Grade 5088 / MFI 25
ZPY 001
Round cross section / Natural
Low 147 / Nominal 150 / High 153
74 F
22 - 35 pcs / meter (2.0 - 3.5 bar)
N/A
2.0 - 2.5 gr/den (Zwick Roell testing)
≥50% (Zwick Roell testing)
Low 0.2 / High 0.6 (Zschimmer and Schwarz)

Product Properties

Technical Properties

Product
Raw Material
Article
Type and Color
Denier
Filament Count
Intermingling dots / Entanglement
Shrinkage
Tenacity values
Elongation values
Spin finish

Yarn Parameters

Multifilament Polypropylene Yarn / Zaman Polymer 1200
PP Grade 5088 / MFI 25
ZPY 001
Round cross section / Natural
Low 1180 / Nominal 1200 / High 1220
148 F
28 - 30 pcs / meter (6.0 - 6.5 bar)
N/A
6.8 - 7.0 gr/den (Zwick Roell testing)
22% - 26% (Zwick Roell testing)
Low 1.2 / High 1.5 (Zschimmer and Schwarz)

Product Properties

Technical Properties

Product
Raw Material
Article
Type and Color
Denier
Filament Count
Intermingling dots / Entanglement
Shrinkage
Tenacity values
Elongation values
Spin finish

Yarn Parameters

Multifilament Polypropylene Yarn / Zaman Polymer 1300
PP Grade 5088 / MFI 25
ZPY 001
Round cross section / Natural
Low 1280 / Nominal 1300 / High 1320
148 F
28 - 30 pcs / meter (6.0 - 6.5 bar)
N/A
6.9 - 7.6 gr/den (Zwick Roell testing)
22% - 26% (Zwick Roell testing)
Low 1.2 / High 1.5 (Zschimmer and Schwarz)

Corporate HSE



People and the environment are our most important assets, and their safety is our greatest responsibility. Safety of people and protection of the environment is a foundational element in the operation of our equipment. Every Bir Zaman ES employee or contractor is accountable for conducting operations in a safe and environmentally responsible manner at all times. Bir Zaman ES has established an Industrial Safety Program to which all personnel must adhere. All personnel, regardless of position, have the express authority to suspend any operation, which they believe constitutes a hazard to people or the environment. Bir Zaman ES is committed to maintaining and continually improving a Health, Safety, and Environmental management system that meets the objectives of this policy.

HSE is the responsibility of line management, with the active commitment and support of all employees. We will strive to:

Provide a healthy and safe workplace for employees, contractors, and visitors.

Prevent pollution and protect the environment throughout our operations.

Monitor and assess risks, mitigate the potential adverse impacts to people and the environment, and ensure an effective response, as appropriate.

We are committed to the proactive integration of HSE objectives into our management systems at all levels, actively reinforced by our reward and recognition programs. This is critical to our business success because it reduces risk and adds value to our products.

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