



New Technology in Acrylic Yarns

Aksafil Products Make a Difference

Aksafil products stand out from others in the industry with their natural feel, high pilling resistance and durability. Surface smoothness ensures more vibrant and lasting colors.



Natural feel



Low pilling



Durability



Vibrant colors



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Functional and Innovative

Airjet Technology for Yarn Production

The Airjet technology, based on the principle of airflow, introduces a revolutionary innovation in acrylic yarn production. This technology enables spinning at a speed of 550 m/min, enhancing efficiency and speed in acrylic yarn manufacturing. Being implemented for the first time globally, this technology provides a significant performance boost in yarn production.

- High Speed, Superior Performance
- A Brand-New Acrylic Experience
- The Yarn of the Future

By combining speed, functionality, and efficiency in acrylic yarn production, AirJet technology is creating a new era in the industry!

The World's First Recycled Acrylic Fiber: Acrycycle



Acrycycle enables the recycling of acrylic fiber waste through a circular process that preserves nature. This innovative approach reduces environmental impact while fostering sustainable resource utilization. Yarns produced with Acrycycle support eco-friendly manufacturing by giving new life to discarded materials.

- Produced using recycled fibers.
- No harmful chemicals are used during production.
- Ensures efficient resource utilization.

Oncedye: The First Synthetic Fiber Dyeable with Reactive Dye



Oncedye fiber can be dyed simultaneously with cotton and cellulosic fibers, offering the unique comfort and durability of acrylic to ready-to-wear products while reducing environmental impact. Its ability to be dyed with reactive dyes provides up to 20% savings in water, energy, and processing time.

AirBulk technology allows the production of yarns with higher volume by combining acrylic fibers with different shrinkage properties. This technology leads to significant savings in the final product.

- Provides up to 13% savings in raw material usage.
- Enhances product volume and structure, resulting in a more comfortable and fuller texture.



AKSAFIL QUALITY CONTENT DETAILS

Quality Name	HB/RX	Composition	Sector Usage	Yarn Count
Cotonit	HB	100% Acrylic	Knitwear, Circular Knitting	Ne 20/1 Ne 20/2 Ne 30/1 Ne 30/2
Visconit	HB	70% Acrylic, 30% Viscose	Knitwear, Circular Knitting	Ne 20/1 Ne 20/2 Ne 30/1 Ne 30/2
Copill	HB	70% Acrylic, 30% PBT	Knitwear, Circular Knitting	Ne 28/2
	HB	88% Acrylic, 12% PBT	Knitwear, Circular Knitting	Ne 11/1
Viscopill	HB	46% Acrylic, 20% Viscose, 34% PBT	Knitwear, Circular Knitting	Ne 31/2
Vargas	HB	50% Acrylic, 25% Cotton, 25% PES	Knitwear, Circular Knitting	Ne 20/2
Atlas	RX	100% Acrylic	Knitwear, Circular Knitting	Ne 20/1 Ne 20/2 Ne 30/1 Ne 30/2 Ne 40/1
Easynit	HB	100% Acrylic	Knitwear, Circular Knitting	Ne 11/1
Viskolik	RX	70% Acrylic, 30% Viscose	Carpet	Ne 9/3 Ne 15/3 Ne 20/3

Aksafil can produce single-ply, double-ply, and multi-ply yarns ranging from Ne 10 to 60, offering customized solutions tailored to customer demands.