

INDUSTRIAL GENERAL CATALOG





INDEX

ZARIFMOSAVAR INDUSTRIAL





BCF YARN
Melt Spinning

“POLYESTER,
POLYPROPYLENE,
POLYAMID”

www.zarifindustrial.com
www.zarifmosavar.com



ABOUT US

Zarif-Mosavar industrial group initiated its activities in boroujen industrial zone in 1984 The group central office is located in Isfahan staple fiber and yarn production units were also established together along with other production units in the same year.

Zarif-Mosavar final product quality indicates high quality range of applied raw material in the process of our internal production. due to continuity of successful activities of the complex and, because of popularity and credibility of brand, various certificates & awards were obtained from national and international institutes. These certificates would easily prove this point that the quality category has the highest priority for Zarif-Mosavar group in all the required levels.

Various modern production lines, advanced QC laboratories along with specialized expert personnel have come together for Zarif-Mosavar group to manufacture and provide best products from best raw materials production lines and laboratory equipment.

Zarif-Mosavar co, manufacture its products by applying latest technology and modern production facilities which are enlisted as bellows.



PRODUCTION LINES

Zarif Mosavar Co. produces its products by using the latest technologies and modern production equipment. Production equipments are listed below:

- Five production lines for different polyester fibers, recycled polyester, polyamide, and polypropylene with the daily capacity of 100 tons, and a line for washing crushed polyester material.
 - Three production lines for BCF Yarn, heat set, frieze and cabling yarn with the daily capacity of 20 tons.
 - Production line of packing plastic materials with the daily capacity of 3 tons .
 - Production line of NGR recycles granules with the capacity of 6 tons per day.
 - Equipped QC laboratory with all the required equipment for yarn and fiber production processes
- It is to note that all the existing production and laboratory equipment are made in well-known European companies from France, England, to Italy.

LATEST
TECHNOLOGY
MODERN
EQUIPMENT





PRODUCTS

FIBERS & YARNS BCF

In the field of Melt spinning, Zarif Mosavar products are divided into two main groups of fibers & BCF Yarns.

Man - made fibres made of:

polyester (virgin and recycled), poly propylene, and polyamide beside BCF polypropylene and polyamide yarn, (heat set, frieze, md cabling).

Product Group	Material	Type 1	Type 2	Measuring Unit	Reworks	Color
Fiber	Polyester	Virgin	Solid	>3	To Order	To Order
Fiber	PET	Recycle	Solid	>3	To Order	To Order
Fiber	Polyester	Virgin	Hallow	>2	To Order	To Order
Fiber	PET	Recycle	Hallow	>3	To Order	To Order
Fiber	Polypropylene	Virgin	Solid	>2	To Order	To Order
Fiber	Polypropylene	Virgin	Concrete	>2	To Order	To Order
Fiber	PET	Recycle	Concrete	>2	To Order	To Order
Fiber	Polyamide	Virgin	Solid	>2	To Order	To Order
Fiber	Polypropylene	Virgin	Hydrophilic	>2	To Order	To Order
Fiber	Polyester	Virgin . Recycle	Solid	>3	To Order	To Order
Fiber	PET	Recycle	Melange	>3	To Order	To Order
Fiber	Polypropylene	Virgin	High Tenacity	>3	To Order	To Order
Thread	Polypropylene	Heat Set	Frieze	>1400	Two Folded	To Order
Thread	Polypropylene	Heat Set	Frieze	>2800	Single Folded	To Order
Thread	Polyamide	Heat Set	Frieze	>800	Single Folded	To Order
Thread	Polyester	Heat Set	Frieze	>800	Single Folded	To Order
Thread	Polyester	Heat Set	Frieze	>1600	Two Folded	To Order
Granule	Polyester	Pure	Recycle	PSU	MFI from 5 to 25	To Order
Granule	Polypropylene . Polyester	Mixed	Recycle	PPMA	MFI from 5 to 25	To Order
Granule	Polypropylene	Mixed	Recycle	PPU	MFI from 5 to 25	To Order
Plastic	Polypropylene	-	Virgin	* Single & Double Folded	Thickness 50-200	Transparent

* Width 35-175



COMPETITIVE

ADVANTAGES

Zarif-Mosavar group is supported by the ownership of Regal Petrochemical and Tis-Masterbatch companies and obviously there is no specific limitation in providing of row material.

MATERIALS
PRIMARY
HIGH
QUALITY
PRODUCTS





TECHNICAL SPECIFICATIONS

Technical specifications of some of the organization products are as follows:

Denier 3 Polyester Fibers				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	51 ± 5 . 64 ± 5	mm	A	ISO6989
Extraction Oil	0.2 ± 0.05	%	B	ISIRI-30
Strength	Min: 3	Gram Force / Denier	B	ISO5079
Elongation of Length	50 ± 10	%	B	ISO5079
Elegance	$3 \pm 10\%$	Denier	A	ISO1973
Humidity	Max: 1	%	A	ISIRI-30
Contraction	-2 - 0	%	B	ASTM D4974
Color	According to Specimen	-	B	Control Sample
No. of Curls	50 ± 10	No. / Decimeter	B	Domestic Method

MELT SPINNING CO.

Denier 6 Polyester Fibers				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	64 ± 5	mm	B	ISO6989
Extraction Oil	0.15 - 0.25	%	B	ISIRI-30
Strength	Min: 3	Gram Force / Denier	B	ISO5079
Elongation of Length	55 ± 15	%	B	ISO5079
Elegance	6 ± 10%	Denier	A	ISO1973
Humidity	Max: 1	%	A	ISIRI-30
Contraction	-2 - 1	%	B	ASTM D4974
Color	According to Specimen	-	B	Control Sample
No. of Curls	45 ± 10	No. / Decimeter	B	Domestic Method

Denier 6 Polypropylene Fibers (For Export)				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	90 ± 5 . 110 ± 5	mm	A	ISO6989
Extraction Oil	0.4 ± 0.05	%	A	ISIRI-30
Elegance	6 ± %10	Denire	A	ISO1973
Tearing Strength	Min: 45	Centinewton / Tex	A	ASTM D3822
Elongation of Length	Min: 40	%	B	ASTM D3822
Humidity	Max: 1	%	A	ISIRI-30
Contraction	Max: 3	%	C	ASTM D4974
Color	According to Control Sample	-	B	Control Sample

MELT SPINNING CO.

Denier 15 Polyester Fibers				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	6 ± 5	mm	A	ISO6989
Extraction Oil	0.2 - 0.4	%	B	ISIRI-30
Strength	Min: 3	Gram Force / Denier	B	ISO5079
Elongation of Length	Min: 60	%	B	ISO5079
Elegance	15 ± 10%	Denier	A	ISO1973
Humidity	Max: 1	%	B	ISIRI-30
Contraction	Max: 1	%	B	ASTM D4974
Color	Fully Dispersed in Water	-	B	Control Sample
No. of Curls	26 ± 6	No. / Decimeter	A	Domestic Method
Denier 17 Polyester Fibers				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	64 ± 5	mm	B	ISO6989
Extraction Oil	0.2 - 0.4	%	C	ISIRI-30
Elegance	17 ± 10%	Denier	B	ISO5079
Strength	Min: 3	Gram Force / Denier	B	ISO5079
Elongation of Length	Min: 100	%	B	ISO1973
Humidity	Max: 1	%	C	ISIRI-30
Contraction	Max: 5	%	B	ASTM D4974
Color	According to Specimen	-	B	Control Sample
No. of Curls	25 - 30	No. / Decimeter	B	Domestic Method



Self - Colored 35T Diameter ConcreteFibers				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	6 ± 1.5 . 12 ± 1.5 . 18 ± 1.5	mm	B	ISO6989
Extraction Oil	0.5 - 0.6	%	A	PL-OPA0
Diameter	35 ± 1.7	Micron	B	Domestic Laboratory
Tearing Strength	Min: 345	Centinewton / mm2	B	ASTM D3822
Elongation of Length	Max: 80	%	C	ASTM D3822
Humidity	Max: 1	%	B	PL-MERO
External Particles	Without External Particles	-	A	Control Sample
Dispersion	Fully Dispersed in Water	-	A	Domestic Method
Self - Colored 35T Diameter ConcreteFibers				
Product Specification	Acceptable Range	Measuring Unit	Grade	Test Reference
Length of Fibers	6 ± 1.5 . 12 ± 1.5 . 18 ± 1.5	mm	B	ISO6989
Extraction Oil	0.5 - 0.6	%	A	PL-OPA0
Diameter	35 ± 1.7	Micron	B	Domestic Laboratory
Tearing Strength	Min: 345	Centinewton / mm2	B	ASTM D3822
Elongation of Length	Max: 80	%	C	ASTM D3822
Humidity	Max: 1	%	B	PL-MERO
External Particles	Without External Particles	-	A	Control Sample
Dispersion	Fully Dispersed in Water	-	A	Domestic Method



Industrial group
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ZarifMosavar Overview

Note

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