

2016-2017



Denier 3 polyester fibers					
No.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	51 ± 5 64 ± 5	mm	A	ISO 6989
2	Extraction of oil	0.2 - 0.05	%	B	ISIRI-30
3	Strength	Min: 3	Gram force / Denier	B	ISO 5079
4	Elongation of length	50 ± 15	%	B	ISO 5079
5	Elegance	$3 \pm 10\%$	Denier	A	ISO 1973
6	Humidity	Max: 1	%	A	ISIRI-30
7	Contraction	-2-0	%	B	ASTM 04974
8	Color	According to control sample	-	B	Control sample
9	No. of curls	50 ± 10	No./Decimeter	B	Domestic method





Melt Spinning

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ABOUT US

Zarif Mosavar Industrial Group started its activities in Boroujen Industrial Zone and with its central office in Esfahan, in 1984. Fiber and thread production unit was also founded in the same year together with other production sections, and the quality of final products of Zarif Mosavar Co. indicates high quality of raw materials as the internal production of the organization, since its beginning. Continuity of the successful activities of the complex, credibility and popularity of the brand, market demands, different acquired certificates and awards during its activities from various national and international establishments verifies the point that quality has always been the priority of Zarif Mosavar in all the required levels.

Various modern production lines, advanced QC laboratories, and specialized expert personnel have come together for Zarif Mosavar to produce and supply the best products from the best raw materials, as in the past.





PRODUCTION LINES AND LABORATORY EQUIPMENT

Zarif Mosavar Co. produces its products by using the latest technologies and modern production equipment. Production equipments in the plant are as follows:

- 5 production lines for different polyester fibers, recycled polyethylene, polyamide, and polypropylene with the daily capacity of 100 tons, and a line for washing crushed polyethylene materials.
 - 3 production lines for BCF Yarn, heat set, frieze and cabling threads 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 equipments for thread 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,



PRODUCTS

In the field of melt spinning, Zarif Mosavar products are divided into two main groups of fibers and BCF Yarn. Artificial fibers including polyester (virgin and recycled), polypropylene, and polyamide fibers and BCF polypropylene Yarn (heat set, frieze and cabling) form the products in this domain.



ISOTS/16949:2009



ISO10002



ISO9001:2008



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No.	Product group	Material	Type 1	Type 2	Measuring unit No.	Cutting length (mm)	Color
1	Fiber	Polyester	Virgin	Solid	>3	According to customer Recruitments	According to customer Recruitments
2	Fiber	PET	Recycle	Solid	>3	According to customer Recruitments	According to customer Recruitments
3	Fiber	Polyester	Virgin	Hallow	>2	According to customer Recruitments	According to customer Recruitments
4	Fiber	PET	Recycle	Hallow	>3	According to customer Recruitments	According to customer Recruitments
5	Fiber	polypropylene	Virgin	solid	>2	According to customer Recruitments	According to customer Recruitments
6	Fiber	polypropylene	Virgin	concrete	>2	According to customer Recruitments	According to customer Recruitments
7	Fiber	PET	recycled	concrete	>2	According to customer Recruitments	According to customer Recruitments
8	Fiber	Polyamide	Virgin	solid	>2	According to customer Recruitments	According to customer Recruitments
9	Fiber	polypropylene	Virgin	hydrophilic	>2	According to customer Recruitments	According to customer Recruitments
10	Fiber	polyester	Virgin recvled	solid	>3	According to customer Recruitments	According to customer Recruitments
11	Fiber	Polyester	recycled	melange	>3	According to customer Recruitments	According to customer Recruitments
12	Fiber	polypropylene	virgin	High tenacitv	>3	According to customer Recruitments	According to customer Recruitments
13	Thread	polypropylene	Heat set	frieze	>1400	Two folded	According to customer Recruitments
14	Thread	polypropylene	Heat set	frieze	>2800	Single folded	According to customer Recruitments
15	Thread	polyamide	Heat set	frieze	>800	Single folded	According to customer Recruitments
16	Thread	polyester	Heat set	frieze	>800	Single folded	According to customer Recruitments
17	Thread	polyester	Heat set	frieze	>1600	Two folded	According to customer Recruitments
18	Granule	polyester	pure	recycled	PSU	MFI from 5 to 25	According to customer Recruitments
19	Granule	Polyester Polypropylene	Mixed	recycled	PPMA	MFI from 5 to 25	According to customer Recruitments
20	Granule	polypropylene	Mixed	Recycled	PPU	MFI from 5 to 25	According to customer Recruitments
21	plastic	packaging	polyethylene	virgin	Width of 35-175mm, single folded and two folded	Thickness of 50-200 µm	transparent



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ISO/TS/16949:2009



ISO10002



ISO9001:2008



COMPETITIVE ADVANTAGES

Supported by the ownership of Regal Petrochemical and Tis-Masterbatch companies, with no limitation in providing raw materials and no limits in production and paint manufacturing, Zarif Mosavar Co. is producing distinct quality products.

TECHNICAL SPECIFICATIONS

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

Denier 6 polypropylene fibers (for export)					
No.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	90 ± 5 110 ± 5	mm	A	ISO 6989
2	Extraction of oil	0.4 ± 0.05	%	A	ISO RI-30
3	Elegance	$6 \pm 10\%$	Denier	A	ISO 1973
4	Tearing strength	Min :45	Centinewton / tex	B	A5TM 03822
5	Elongation of length	Min :40	%	B	A5TM 03822
6	Humidity	Max: 1	%	A	ISO RI-30
7	Contraction	Max: 3	%	C	A5TM 04974
8	Color	According to control sample	-	B	Control sample



ISOTS/16949:2009



ISO10002



ISO9001:2008



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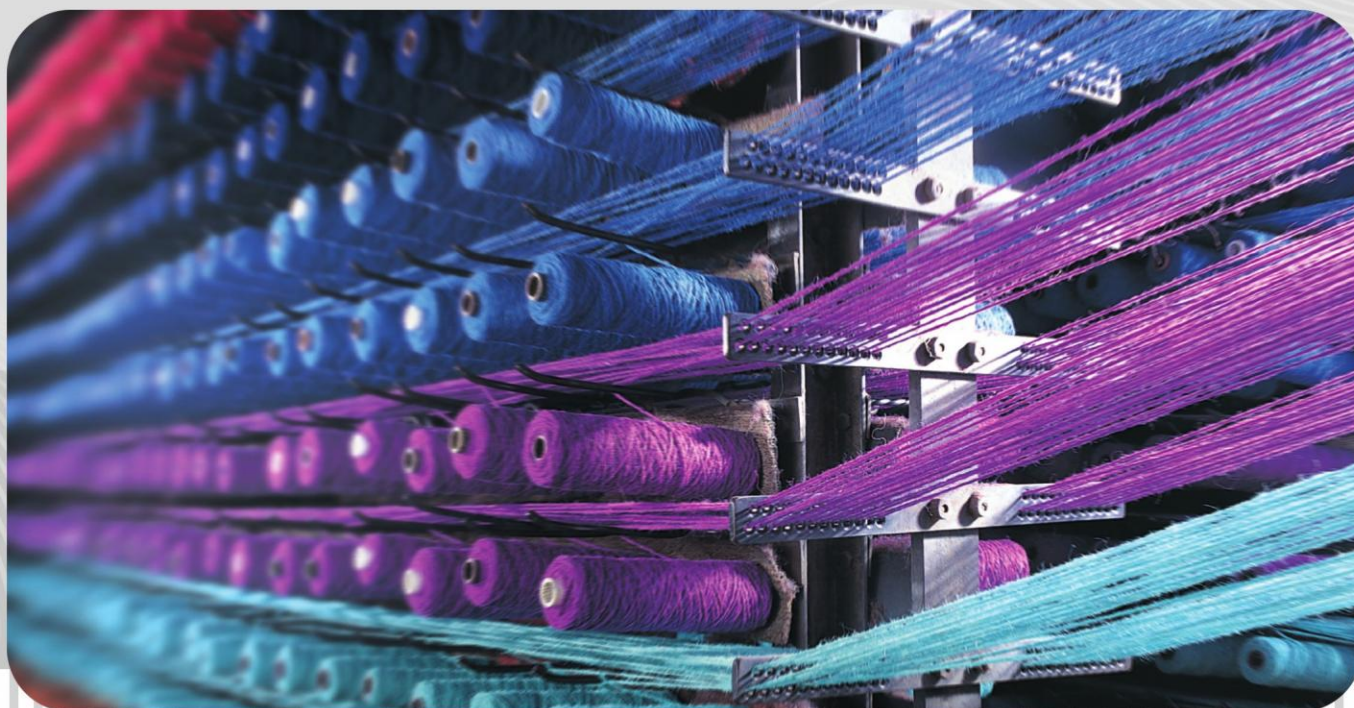


Self-colored 35µm diameter concrete fibers					
no.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	6 ± 1.5 12 ± 1.5 18 ± 1.5	mm	B	ISO6989
2	Extraction of oil	0.5 - 0.6	%	A	PL-OPAO
3	Diameter	35 ± 1.7	µm	B	Domestic laboratory
4	Tearing strength	Min: 345	Centinewton / mm ²	B	ASTM 03822
5	Elongation of length	Max: 80	%	C	ASTM 03822
6	Humidity	Max: 1	%	B	PL-MERO
7	External particles	Without external particles	-	A	Control sample
8	Dispersion	Fully dispersed in water	-	A	Domestic method

Denier 15 polyester fibers					
NO.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	64 ± 5	mm	A	ISO6989
2	Extraction of oil	0.2 - 0.4	%	B	SIRI-30
3	Strength	Min: 3	Gram force / Denier	B	ISO5079
4	Elongation of length	Min: 60	%	B	ISO5079
5	Elegance	15 ± 10%	Denier	A	ISO1973
6	Humidity	Max: 1	%	B	SIRI-30
7	Contraction	Max: 1	%	B	ASTM 04974
8	Color	According to control sample	-	B	Control sample
9	No. of curls	26 ± 6	No./Decimeter	A	Domestic method



Denier 15 polyester fibers (for export)					
No.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	110 ± 5 100±5 90±5	mm	A	506989
2	Extraction of oil	0.4 ± 0.05	%	A	5IRI-30
3	Elegance	15 ± 10%	Denier	A	501973
4	Tearing strength	Min: 35	Centinewton / tex	B	505079
5	Elongation of length	Min: 80	%	B	505079
6	Humidity	Max: 1	%	A	5IRI-30
7	Contraction	Max: 3	%	C	A5TM 04974
8	Color	According to control sample	-	B	Control sample





Denier 17 polyester fibers					
No.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	64 ± 5	mm	B	ISO 6989
2	Extraction of oil	0.2 - 0.4	%	C	ISIRI-30
3	Elegance	17 ± 10%	Denier	B	ISO 1973
4	Strength	Min: 3	Gram force / Denier	B	ISO 5079
5	Elongation of length	Min: 100	%	B	ISO 5079
6	Humidity	Max: 1	%	C	ISIRI-30
7	Contraction	Max: 5	%	B	ASTM 04974
8	Color	According to control sample	-	B	Control sample
9	No. of curls	25-30	No./Decimeter	B	Domestic method

Denier 6 polyester fibers					
No.	Product specifications	Acceptable range	Measuring unit	Degree of importance	Test reference
1	Length of fibers	64 ± 5	mm	B	ISO 6989
2	Extraction of oil	0.15 - 0.25	%	B	ISIRI-30
3	Strength	Min: 3	Gram force / Denier	B	ISO 5079
4	Elongation of length	55 ± 15	%	B	ISO 5079
5	Elegance	6 ± 10%	Denier	A	ISO 1973
6	Humidity	Max: 1	%	A	ISIRI-30
7	Contraction	-2-1	%	B	ASTM 04974
8	Color	According to control sample	-	B	Control sample
9	No. of curls	45 ± 10	No./Decimeter	A	Domestic method