

## China Product Standard FZ/T 73020-2019 Knitted Casual Wear Technical Parameters Comparison to the 2012 Version

FZ/T 73020-2019 Knitted casual wear was recently published. It is applicable to knitted casual wear mainly made of knitted fabric for children and adults. It is not applicable to infants clothing for age of 36 months or under. It will be effective as of July 1st 2020. In comparison to FZ/T 73020-2012, major technical parameter changes are the following:

No.	Parameters		FZ/T 73020-2012	FZ/T 73020-2019	Test method and remarks
			Details and requirements		
1	Scope		Applicable to identify the quality of Knitted casual wear mainly made of knitted fabric.	Applicable to identify the quality of knitted casual wear mainly made of knitted fabric. Not applicable to infants clothing for age of 36 months or under.	/
2	Glossary and definition		/	Add the definition of mini shorts and fluorescent colors.	/
3	Product size		/	Add “the size beyond the standard range shall be increased or decreased in turn according to the principle specified in the standard”	/
4	Physical Properties	Fiber content	Fiber content（Net dry content）	Cancel net dry content of fiber content	Requirements changed from FZ/T 01053 to GB/T 29862
		Pilling	Pass grade: ≥2-3	Pass grade: ≥3	Add “no need to test on flocking products and lace fabrics”
		Dimensional stability	Premium grade: -3.0~+2.0	Premium grade: -3.5~+2.0	The washing procedure is changed to “according to type A washing machine 4N procedure in GB/T 8629-2017, and the products that labelled “hand washable only” shall be according to type A washing machine 4H procedure in GB/T 8629-2017; The detergent shall be standard detergent 3”. Delete measurement methods related to skirts.
		Twist after washing	Top category requirement is divided into stripes and solid colors	Only one requirement for tops: Premium grade ≤4.0% First grade≤5.0% Pass grade≤6.0%	The relevant description of the measurement method of twist after washing is adjusted. Exemption change to “Not assess twist after washing of products with tight elastic opening, mini shorts and tops without straight seams”
		Laundry solution staining	/	Add laundry solution staining: Premium grade, First grade: ≥3 Pass grade: ≥2-3	Only applicable to product with over 30% surface area with dark color fabric. Wash per GB/T 3921-2008 method A(1) and assessed the staining of filtered laundry solution.

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No.	Parameters		FZ/T 73020-2012	FZ/T 73020-2019	Test method and remarks
			Details and requirements		
4	Physical Properties	Colorfastness of printing (pressing) pattern	Delete colorfastness to washing and rubbing of printing (pressing) pattern in 2019 version.		/
		Colorfastness to rubbing of shell	Colorfastness to wet rubbing: First grade ≥3 (Dark 2)	Colorfastness to wet rubbing: First grade ≥3 (Dark 2-3)	/
		Colorfastness to light of shell	Premium grade: Dark color ≥4-5	Premium grade: Dark color≥4	Add "For fluorescent clothing pass grade, colorfastness to light can be reduced by half grade"
		Colorfastness to drycleaning of shell	Premium grade: Color change ≥4-5 Color staining≥4-5	Premium grade: Color change ≥4 Color staining≥4	/
		Colorfastness to perspiration and light of shell	Pass grade ≥3-4	Pass grade ≥3	"No assessment of non-direct contact skin products" changed to "Only assessment single-layer clothing with direct contact skin"
		Colorfastness to cross staining of shell	Test method according to Appendix A	Delete Appendix A and change to "According to GB/T 31127-2014 method A"	/
		Colorfastness of lining	/	Add colorfastness to washing/water/perspiration/rubbing on lining	/
		Colorfastness	/	Add "No assessment of colorfastness to washing/water/perspiration/rubbing/drycleaning on natural color and bleaching products".	/
		Appearance after washing	Do not have bubbling or breakage on print. Embroidery kept being smooth. No separation on appliques. No detachment or corrosion on accessories component.	No obvious discoloration on the whole; the fabric is not damaged; the stitching is not detached; the printing (pressing) part is not allowed to have crack, blister, peeling and fall off; the embroidery part is not allowed to have wrinkle and be deformed seriously; the accessories are not allowed to be deformed, discolored, damaged, fell off or having rust; other defects that obviously affect the appearance quality are not allowed. Except for due to reason of special style design.	
5	Appearance	/		Delete "relevant contents of dress and skirt".	/
		Simplify the requirements of sewing regulations.			/
6	Sampling rules		4 random samples of internal quality	Change to "Only 4 samples taken for washable products. Only 2 samples taken for only drycleaning product. For products that can be washed and dry cleaned, 5 samples should be taken.	/

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No.	Parameters	FZ/T 73020-2012	FZ/T 73020-2019	Test method and remarks
		Details and requirements		
7	Judgment rule	/	Add "Result judgment and single product judgment"	/
8	Instruction for use	/	Add "Children product according to GB/T 5296.4 and GB 31701"	Add the quality of children's clothing should also meet the requirements of GB 31701.

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