

## China Standard FZ/T 73005-2021 (low wool content blend and wool like knitting goods) Recently Published and Effective Since July 1st, 2021



The new edition of the China standard has some major changes, including but not limited to, removing the Class 2 quality grade, introducing the requirements of dimensional stability to dry cleaning, colourfastness to transfer in joint (contrast colour staining), and AP+APEO restriction. The main differences between old and new editions are shown in below table, with changes highlighted.

No.	Item	FZ/T 73005-2012	FZ/T 73005-2021	Note	
1	Scope	This standard is applicable to identify the quality of knitted worsted, woollen products containing less than 30% wool or non-wool content, it may be applicable to other animal hair fiber products by reference.	This standard is applicable to identify the quality of knitted products containing less than 30% wool or non-wool content, and products jointed with other fabric type, it may be applicable to other animal hair fiber products as well by reference. <b>This standard is not applicable to products for infants aged 36 months and below.</b>	/	
2	Grading	High / Class 1 / Class 2	High / Class 1 / <b>Pass</b>	Quality grading aligned with other industry standards	
3	Safety Requirement	Meet GB 18401	Meet GB 18401, and meet GB 31701 for children's products	/	
4	Quality requirement	Fiber content	Comply with FZ/T 01053	Comply with <b>GB/T 29862</b>	2021 version change method reference FZ/T 10195 to GB/T 38015
		Pilling	High $\geq 3-4$ Class 1 $\geq 3$ Class 2 $\geq 2-3$	High $\geq 3-4$ Class 1 $\geq 3$ Pass $\geq 2-3$	2021 version waives test for features like hollowed structure, long floating yarn surface, brushed surface, waives test for socks and small size accessories, only test wool blends or simulated wool shell for jointed garments. Adds semi-worsted product applied with 7200 revolution
		Dimensional change to washing (Relaxation change)	Lengthwise -5%~+5% Widthwise -5%~+5% Waive test for non-jersey product and non-washable product	Lengthwise -5%~+5% Widthwise -5%~+5% Waive test for non-washable product per care instruction, and only <b>assess widthwise for jersey product or jointed product with jersey fabric</b>	2021 version wash procedure changed to 1X4G due to test standard FZ/T 70009 has been updated
		Dimensional change to drycleaning	No such requirement	<b>Lengthwise -5%~+5% Widthwise -5%~+5%</b> Waive test for product that cannot be dry cleaned per care instruction.	New requirement added in 2021 version, test method as GB/T 19981.2, very delicate material procedure, 1 cycle, <b>without iron and press</b>
		AP & APEO	No such requirement	<b>NP+OP<math>\leq 10</math>mg/kg NP+OP+NPEO+OPEO<math>\leq 100</math>mg/kg</b>	New requirement added in 2021 version, test method as GB/T 23322
		Colourfastness to washing	High: colour change $\geq 3-4$ colour staining $\geq 3-4$ Class 1: colour change $\geq 3-4$ colour staining $\geq 3$ Class 2: colour change $\geq 3$ colour staining $\geq 3$	High: colour change $\geq 3-4$ colour staining $\geq 3-4$ Class 1: colour change $\geq 3-4$ colour staining $\geq 3$ Pass: colour change $\geq 3$ colour staining $\geq 3$	Both version apply test for washable products, but 2021 version has <b>test method changed to GB/T 12490-2014, A1S without steel balls</b>
		Colourfastness to drycleaning	High: colour change $\geq 4$ colour staining $\geq 3-4$ Class 1: colour change $\geq 3-4$ colour staining $\geq 3$ Class 2: colour change $\geq 3-4$ colour staining $\geq 3$	High: colour change $\geq 4$ <b>colour staining <math>\geq 4</math></b> Class 1: colour change $\geq 3-4$ <b>colour staining <math>\geq 3-4</math></b> Pass: colour change $\geq 3-4$ colour staining $\geq 3$	Both version apply test for products that can be dry cleaned

No.	item	FZ/T 73005-2012	FZ/T 73005-2021	Note	
4	Quality requirement	Colourfastness to perspiration	High: colour change $\geq$ 3-4 colour staining $\geq$ 3-4 Class 1: colour change $\geq$ 3-4 (printed, dip dyed $\geq$ 3) colour staining $\geq$ 3 Class 2: colour change $\geq$ 3 colour staining $\geq$ 3	High: colour change $\geq$ 3-4 colour staining $\geq$ 3-4 Class 1: colour change $\geq$ 3-4 colour staining $\geq$ 3 Pass: colour change $\geq$ 3 colour staining $\geq$ 3	2021: delete special Class 1 requirement for printed and dip dyed product
		Colourfastness to rubbing	High: dry $\geq$ 4 wet $\geq$ 3 Class 1: dry $\geq$ 3-4 (dark colour $\geq$ 3, print, dip dye $\geq$ 3) wet $\geq$ 2-3 Class 2: dry $\geq$ 3 wet $\geq$ 2-3	High: dry $\geq$ 4 wet $\geq$ 3 Class 1: dry $\geq$ 3-4 (dark colour $\geq$ 3) wet $\geq$ 3 (dark colour $\geq$ 2-3) Pass: dry $\geq$ 3 wet $\geq$ 3 (dark colour $\geq$ 2-3)	2012: waive test colourfastness to wet rubbing for dryclean only product; 2021: delete special Class 1 requirement for printed and dip dyed product, delete exemption for dryclean only product
		Colourfastness to light	High / Class 1 / Class 2: dark colour $\geq$ 4 light colour $\geq$ 3	High / Class 1 / Pass: dark colour $\geq$ 4 light colour $\geq$ 3	2012: waive test for underwear product; 2021: waive test for underwear and sock product. Test method revised to GB/T 8427-2019, method 3
		Colourfastness to transfer in joint	No such requirement	$\geq$ 4	2021 newly added item, only test for dark colour and light colour jointed product, waive test for product that is not washable. Test method is GB/T 31127-2014, method A
5	Instruction of use	Comply with GB 5296.4 & GB 18401	Comply with GB/T 5296.4 & GB 18401, children's product comply with GB/T 5296.4 & GB 31701	/	

### How Does this Impact You? Contact Us to Discuss

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