



GB/T 14272-2011 Chinese Apparel Standards 中国羽绒服标准

Applicable Products 适用产品

This standard applies to washed duck or goose down and feathers used in the apparel industry.

本标准适用于服装行业所使用的水洗鸭、鹅羽绒羽毛。

Product Classification 产品分类

Lowest usable down label is 50%. 羽绒含量明示值不低于 50%

Net Fill Weight of Finished products must be within -5.0% of labeled amount.

成品的充绒量与明示值的偏差不小于-5.0%

The apparel in this standard can be classified into three grades, (Premium, Standard, and Passing). The classification depends on the fabrics quality and sewing. The down filling for these classifications does not change. The only difference is the sewing and fabric.

遵循本标准的服装可分为 3 个等级, (优质品、一等品、合格品)。分级取决于面料质量和缝纫水平。三个等级中羽绒填充料没有区别。唯一的区别在于缝纫和面料。

Sample Collection and Testing Method 抽样及检测方法

All sample collection and testing methods are implemented according to each provision in the GB/T 14272-2011 standards.

各种抽样及检测方法均按照 GB/T 14272-2011 标准中各款规定执行。

Labels 商标

Product label should clearly indicate the specifications, type of product, filling, net fill weight, production date, factory name, etc.

产品商标应清晰标注规格、品种、成分、重量、生产日期、厂名等。

Feather portion is unnecessary to list.

羽毛部分不需要注明。

Cleanliness Requirement 清洁度要求

Oxygen must be ≤ 10 mg/100ml. 耗氧指数不得大于 10

If Oxygen is >10 , Microbacterial state (Bioburden) must be tested. 若耗氧指数高于 10, 样品需检测微生物指标。

Turbidity results must be ≥ 450 mm. 浊度不得小于 450mm

Fat & Oil must be $\leq 1.3\%$. 残脂率不得大于 1.3%

Odor rating must be 2 or less. 气味等级不得大于 2

Moisture must be $\leq 13\%$ moisture. 含水率不得超过 13%

Species: Goose or Duck label 种类: 鹅标签、鸭标签

All goose products must contain a minimum of 85% goose.

所有鹅类产品含鹅量必须在 85% 以上。

(NOTE: Down % & Feather % must both meet 85% separately.)

(注意: 绒种类%以及毛种类%须分别符合 85% 的要求。)

No requirements for Duck.

对鸭产品无要求。

Product 品名	Minimum Down Cluster % 绒子含 量% \geq	Minimum Total Down (Includes Down Fiber)* 羽绒含量 (包括绒 丝) % \geq	Maximum Large Feather Content** 长毛片含 量% \leq	Maximum Colored Down and Feather for White material*** 白色材料*** 中异色毛 绒% \leq	Maximum Landfowl 陆禽毛% \leq	Maximum Residue 杂质% \leq	Minimum Fill Power (cm) 蓬松度 (cm) \geq
95% Goose Down 95% 鹅绒	85.5	92	1.0	1.0	0.8	1.0	15.0
95% Duck Down 95% 鸭绒	85.5	92	1.0	1.0	0.8	1.0	14.0
90% Goose Down 90% 鹅绒	81.0	87	1.0	1.0	0.8	1.0	15.0
90% Duck Down 90% 鸭绒	81.0	87	1.0	1.0	0.8	1.0	14.0
85% Goose Down 85% 鹅绒	76.5	82	1.0	1.0	0.8	1.0	15.0
85% Duck Down 85% 鸭绒	76.5	82	1.0	1.0	0.8	1.0	14.0
80% Goose Down 80% 鹅绒	72.0	77	1.0	1.0	0.8	1.0	15.0
80% Duck Down 80% 鸭绒	72.0	77	1.0	1.0	0.8	1.0	14.0
75% Goose Down 75% 鹅绒	67.5	72	1.5	1.0	1.0	1.0	15.0
75% Duck Down 75% 鸭绒	67.5	72	1.5	1.0	1.0	1.0	14.0
70% Goose Down 70% 鹅绒	63.0	67	2.0	1.0	1.0	1.0	15.0
70% Duck Down 70% 鸭绒	63.0	67	2.0	1.0	1.0	1.0	14.0
65% Goose Down 65% 鹅绒	58.5	62	3.0	1.0	1.0	1.0	14.3
65% Duck Down 65% 鸭绒	58.5	62	3.0	1.0	1.0	1.0	13.3
60% Goose Down 60% 鹅绒	54.0	57	3.0	1.0	1.0	1.0	13.5

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www.idfl.com

IDFL
Salt Lake City, Utah
info@idfl.com

IDFL EUROPE
Frauenfeld, Switzerland
europa@idfl.com

IDFL CHINA
Hangzhou, China
china@idfl.com

IDFL TAIWAN
Taipei, Taiwan
taiwan@idfl.com



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60% Duck Down 60% 鸭绒	54.0	57	3.0	1.0	1.0	1.0	12.5
55% Goose Down 55% 鹅绒	49.5	52	4.0	1.0	1.5	1.0	13.0
55% Duck Down 55% 鸭绒	49.5	52	4.0	1.0	1.5	1.0	12.0
50% Goose Down 50% 鹅绒	45.0	47	5.0	1.5	1.5	1.0	12.5
50% Duck Down 50% 鸭绒	45.0	47	5.0	1.5	1.5	1.0	11.5

* Total Down Content includes Down Fiber to achieve the necessary minimum tolerance.
 * 羽绒含量为达到下限要求可含有绒丝
 **Duck feathers >7cm, and Goose feathers >8cm.
 **鸭毛片大于 7cm, 鹅毛片大于 8cm
 ***No Color requirements for grey materials.
 ***灰色羽绒羽毛无异色毛绒要求
 Note 1: Colored feathers and large feathers are counted in the total feather and down category.
 注意 1: 异色毛、长毛片计入羽绒总和内
 Note 2: Colored down is counted in the down cluster category.
 注意 2: 异色绒计入绒子含量中
 Note 3: Metric System×28.77 = Imperial System (in³). This calculation does not equate to an IDFB Steam Fill Power (in³) result. The 28.77 calculation converts from metric cm to Imperial³ using the oven bake method. Please contact IDFL about the relationship of Chinese Fill Power and IDFB Steam conditioning Fill Power.
 注意 3: 公制×28.77=英制 (in³)。这种计算不等同于 IDFB 蒸汽还原蓬松度测试结果。使用该计算方式转换公制、英制适用于烘箱还原蓬松度测试。请联系 IDFL 了解关于中国蓬松度检测与 IDFB 蒸汽还原蓬松度检测间关系。

Garment label Example: 服装商标示例:

Standard: GB/T14272-2002
 标准: GB/T14272-2002
 Product name: Down Jacket
 品名: 羽绒夹克
 Brand: X
 品牌: X
 Style no.: A1234
 款号: A1234
 Size: L
 尺寸: L
 Size designation: 180/100A
 设计尺寸: 180/100A
 Composition: Shell: 100% Nylon
 Lining: 100% Nylon
 Filling: White duck down (Down Content: 90%)
 成分: 面料: 100% 尼龙
 里料: 100% 尼龙
 填充料: 白鸭绒 (含绒量: 90%)
 Net fill weight: 250g
 净填充量: 250g