



<b>TEST REPORT</b> <b>BS EN 12935</b> <b>Feather and down - Hygiene and cleanliness requirements</b>	
<b>Report Number</b> .....	M2603530XY-R0418
<b>Date of issue</b> .....	Apr. 07, 2026
<b>Total number of pages</b> .....	8
<b>Name of Testing Laboratory preparing the Report</b> .....	
Shenzhen Meiou Testing Technology Co., Ltd	
<b>Applicant's name</b> .....	Fly International Trading Ltd.
<b>Address</b> .....	Unit 4, Lawrence House, Derby street, Manchester, UK. M8 8AT
<b>Test specification:</b>	
<b>Standard</b> .....	BS EN 12935-2001
<b>Master TRF</b> .....	Dated 2001
<b>Test item description</b> .....	Rose Empire Feather and Down Pillow
<b>Trade Mark</b> .....	Rose Empire
<b>Manufacturer</b> .....	Fly International Trading Ltd.
<b>Address</b> .....	Unit 4, Lawrence House, Derby street, Manchester, UK. M8 8AT
<b>Model/Type reference</b> .....	Y023-FPP
<b>Ratings</b> .....	/

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b>	Shenzhen Meiou Testing Technology Co., Ltd
<b>Testing location/ address..... :</b>		301, Building A2, Huafa Industrial Park, Fuyuan 1st Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
<b>Tested by (name, function, signature)..... :</b>		Tobin Project Engineer 
<b>Approved by (name, function, signature)... :</b>		Jack Huang Reviewer 
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
<b>Testing location/ address..... :</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Approved by (name, function, signature)... :</b>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b>	
<b>Testing location/ address..... :</b>		
<b>Tested by (name + signature)..... :</b>		
<b>Witnessed by (name, function, signature).. :</b>		
<b>Approved by (name, function, signature)... :</b>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 4:</b>	
<b>Testing location/ address..... :</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Witnessed by (name, function, signature).. :</b>		
<b>Approved by (name, function, signature)... :</b>		
<b>Supervised by (name, function, signature) :</b>		

<b>Possible test case verdicts:</b> - test case does not apply to the test object.... : N/A - test object does meet the requirement..... : P (Pass) - test object does not meet the requirement.... : F (Fail)	
<b>Testing:</b> Date of receipt of test item..... : Mar. 31, 2026 Date (s) of performance of tests..... : Mar. 31, 2026 to Apr. 07, 2026	
<b>General remarks:</b> “(See Enclosure #)” refers to additional information appended to the report. “(See appended table)” refers to a table appended to the report. <b>Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.</b> <input type="checkbox"/> <b>This Test Report Form contains requirements according to IEC/ISO ..... Standard dated ..... and includes Corrigendum dated .....</b> (Note: The above text maybe removed if not applicable)	
<b>When differences exist; they shall be identified in the General product information section.</b>	
<b>Name and address of factory (ies)..... :</b>	<b>Same as manufacturer.</b>
<b>General product information and other remarks:</b> N/A	

<b>BS EN 12935</b>			
<b>Clause</b>	<b>Requirement-Test</b>	<b>Result-Remark</b>	<b>Verdict</b>
1	Scope		P
	This European standard provides the requirements necessary to satisfy the hygiene and cleanliness of feather and/or down filling materials. This European standard applies to finished feather and/or down materials used as a filling of a manufactured article.		P
2	Normative references		P
	<p>This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).</p> <p>EN 1162 Feather and down - Test methods-Determination of the oxygen index number            EN 1883 Feather and down - Sampling in view of tests            EN 1884 Feather and down - Test methods-Determination of microbiological state</p>		P
3	Sampling		P
	<p>The sampling shall be carried out according to EN 1883.</p> <p>As far as the determination of the microbiological state is concerned, the sampling and packaging of the laboratory bulk sample should be performed to avoid inadvertent contamination and significant alterations to the numbers and nature of micro-organisms in the sample.</p>		P
4	Requirements regarding the hygiene and cleanliness		P
	<p>The mandatory requirements for finished feather and/or down material are given in Table 1 .            For finished milled feather only microbiological state applies.            Other optional impurity indicators are mentioned in Table A.1 .            NOTE The bacterial species and related limits of acceptability have been established to ensure that the feather and/or down filling material has been thoroughly washed and suitably processed.</p>		P

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Clause	Requirement-Test	Result-Remark	Verdict									
	A limited amount of the specified micro-organisms can be considered as indicating "non contamination".											
	<p align="center"><b>Table 1 — Mandatory requirements for finished feather and/or down material</b></p> <table border="1"> <thead> <tr> <th>Impurity indicators</th> <th>European standard referred to</th> <th>Limits of acceptability</th> </tr> </thead> <tbody> <tr> <td>Oxygen index number <sup>a</sup></td> <td>EN 1162</td> <td>less than 20</td> </tr> <tr> <td>Microbiological state <sup>b</sup></td> <td>EN 1884 Selective medium and count plate method</td> <td>           less than 10<sup>6</sup> CFU/g            less than 10<sup>2</sup> CFU/g            less than 10<sup>2</sup> CFU/g            absent in 20 g         </td> </tr> </tbody> </table> <p><sup>a</sup> This oxygen index number is indicative of the cleanliness of the analysed material and shall be considered as a first level screening and not as a direct indicator of the hygienic state.</p> <p>If the oxygen index number is below or equal to 20 the filling material is considered as hygienically suitable and no further analysis of the microbiological state is necessary.</p> <p>If the oxygen index number is between 20 and 50 the required limits of acceptability of the microbiological state are to be met.</p> <p>If the oxygen index number is above 50 the filling material is not considered to be hygienically suitable and it has to be reprocessed.</p> <p><sup>b</sup> In case any of the limits for the microbiological state is exceeded, the filling material cannot be considered hygienically suitable.</p>		Impurity indicators	European standard referred to	Limits of acceptability	Oxygen index number <sup>a</sup>	EN 1162	less than 20	Microbiological state <sup>b</sup>	EN 1884 Selective medium and count plate method	less than 10 <sup>6</sup> CFU/g less than 10 <sup>2</sup> CFU/g less than 10 <sup>2</sup> CFU/g absent in 20 g	P
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5	Marking		P									
	Each bag, bale or other package of feather and/or down material as such and each manufactured product filled with such a material shall be provided with an indelible wording or an undetachable label stating that the finished material used as a filling meets the requirements of the present European standard.		P									
	Foreword		P									
	<p>This European Standard has been prepared by Technical Committee CEN/TC 222 "Feather and down as filling material for any article, as well as finished articles filled with feather and down", the secretariat of which is held by UNI.</p> <p>This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2002, and conflicting national standards shall be withdrawn at the latest by January 2002.</p> <p>This document does not supersede any existing European Standard.</p> <p>This standard includes a Bibliography.</p> <p>According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European</p>		P									

BS EN 12935															
Clause	Requirement-Test	Result-Remark	Verdict												
	Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom														
	Introduction		P												
	<p>Feather and down for use as filling material should meet the requirements of the present standard in order to ensure a high level of hygienic and sanitary conditions in conformity with the provisions of Art. 1 00 A of the Treaty as asked for by the Consumer Policies Service of the EC Commission.</p> <p>The selection of analyses has taken into account the existing information in literature and the requirements of the present European standard have taken into account the use of the finished feather and/or down material or as a filling material of a manufactured article.</p> <p>In this way the industry that processes feathers and down can verify the degree of efficiency of the processing itself.</p>		P												
	<p><b>Table A.1 — Optional impurity indicators and recommended values for finished feather and/or down material</b></p> <table border="1"> <thead> <tr> <th>Impurity indicators</th> <th>European standard referred to</th> <th>Recommended values</th> </tr> </thead> <tbody> <tr> <td>Oil and fat content</td> <td>EN 1163</td> <td>0,5 % to 2,0 %</td> </tr> <tr> <td>Turbidity</td> <td>EN 1164</td> <td>min. 300 mm</td> </tr> <tr> <td>pH</td> <td>EN 1413</td> <td>6,6 to 8,0</td> </tr> </tbody> </table>	Impurity indicators	European standard referred to	Recommended values	Oil and fat content	EN 1163	0,5 % to 2,0 %	Turbidity	EN 1164	min. 300 mm	pH	EN 1413	6,6 to 8,0		P
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pH	EN 1413	6,6 to 8,0													
	Bibliography		P												
	EN 1 1 63 Feather and down - Test methods - Determination of the oil and fat content EN 1 1 64 Feather and down - Test methods - Determination of the turbidity of an aqueous extract EN 1413 Textiles - Determination of pH of aqueous extract		P												

**Attachment 1: Product photos**

Photo 1 External view

**Statement:**

1. The information as listed on the first page of this test report was all provided by the client except the sample from, date received, test period, test results and test conclusion. The client shall be responsible for the representativeness of sample and authenticity of materials, for which MEIOU shall bear no responsibilities.
2. The judgment method of determining the conformity in this test report is according to the measured value without considering the risk caused by uncertainty, unless otherwise clearly stipulated in special agreement, standard or specification. The client shall assume the risk caused by the judgment method, and MEIOU shall not bear related responsibilities.
3. The test report is effective only with both signature and specialized stamp. Without written approval of MEIOU, this report can't be reproduced in full or in part.
4. This test data is only responsible for the tested sample.
5. The test result only used for client's requirement, scientific researching ,teaching or internal quality control.