

TEST REPORT

DOUBLE SIDED FLEECE STAR DESIGN - FC0007



Applicant

Mr J. Bank
Arista (uk) Ltd T/A Oddies Textiles
Unit 3 Bank House
Greenfield Road
Colne
Lancs
BB8 9NL

Tests requested

Partial EN 71-3:2013+A1:2014 Migration of certain elements

Number of samples: 1 received on 19th July, 2018.

Supplied without packaging in visibly undamaged condition.



Product Description

Reversible fleece with star design.

Reference is made in this report to analyses carried out by a sub-contractor laboratory. This testing is outside the scope of UKAS accreditation.

RESULTS **PASS** Partial EN 71-3:2013+A1:2014 Migration of certain elements

Prepared by G. S. Kirkland

Date: 6th September, 2018

Signature:

Handwritten signature of G. S. Kirkland in black ink.

Authorised on behalf of MTS

by G. S. Kirkland, Lab Manager. Date: 6th September, 2018

Signature:

Handwritten signature of G. S. Kirkland in black ink.

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Partial EN 71-3:2013+A1:2014 Migration of certain elements

Category III - Scraped off material

PASS

The Partial (18 element) EN 71-3 screening test tests for the migration of 16 of the 19 'elements' restricted by EN 71-3:2013;

Compliance with the chromium VI limit is not addressed.

Compliance with the chromium III and organic tin limits may be inferred from low results from these analyses (see below).

A. Grey textile

The materials complied with the limits of the 16 elements specifically analysed for (see analysis table).

The migration of chromium from the samples was not greater than the chromium III limit of 460 mg/kg, the materials can therefore be inferred as complying with the chromium III limit.

The migration of tin from the samples was determined to be not greater than 4.9 mg/kg, which, when expressed in the form of tributyl tin, would not be greater than the organic tin limit of 12 mg/kg, the materials can therefore be inferred as complying with the organic tin limit.

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Method of test: Partial EN 71-3:2013+A1:2014 Migration of certain el

ANALYSIS RESULTS

Category 3

Date of test: 30/07/18

Samples marked \* were sieved, those marked # were centrifuged. Details of additional acid required to lower pH and solvent used for extraction appear in [ ] in sample description. Deviations from standard method: pH of conventional polymers and textiles not checked; samples only filtered if required to prevent ICP blockages. Solid to acid extractant ratio exceeded 1:50 with sample weights below 100 mg and when additional acid was used to lower pH. Quantities of soluble metals determined by inductively coupled plasma spectroscopy. Test results marked ^ are within the area to which uncertainty of measurement applies & compliance/non-compliance cannot be inferred.

| Metals  | Al                    | Sb  | As | Ba    | B     | Cd  | Cr    | Co    | Cu   | Pb  | Mn    | Hg  | Ni  | Se  | Sr    | Sn     | Zn    |     |
|---------|-----------------------|-----|----|-------|-------|-----|-------|-------|------|-----|-------|-----|-----|-----|-------|--------|-------|-----|
| Limits  | 70000                 | 560 | 47 | 18750 | 15000 | 17  | 460.2 | 130   | 7700 | 160 | 15000 | 94  | 930 | 460 | 56000 | 180000 | 46000 |     |
| Wt (Mg) |                       |     |    |       |       |     |       |       |      |     |       |     |     |     |       |        |       |     |
| A       | 236<br>END OF SAMPLES | 7   | 52 | < 1   | < 5   | < 5 | < 1   | 0.379 | < 5  | < 5 | < 5   | < 5 | < 1 | < 5 | < 5   | < 5    | < 1.0 | < 5 |

