



Test  
TS EN ISO/IEC 17025  
AB-0716-T

AB-0716-T
TURT251120082
10-25

## TEST REPORT

Page 1 of 10

**REPORT NUMBER :** TURT251120082  
**APPLICANT NAME :** King Cole Ltd.  
**ADDRESS :** Merrie Mills, Union Business Park, Keighley Road, Skipton, North Yorkshire United Kingdom  
**Attention :** Carl Milner ( [carl.milner@kingcole.com](mailto:carl.milner@kingcole.com) )  
**SAMPLE DESCRIPTION :** One sample of Flair Chunky Yarn - Multicoloured (Charleston - 6531)  
**DATE IN :** 22 October ,2025  
**RESUBMIT DATE :** 30 October ,2025  
**DATE OUT :** 31 October ,2025  
**REF/STYLE NO :** LTR25100111  
**RETAILER :** KING COLE LTD  
**DYE LOT :** 861  
**FIBER COMPOSITION :** Claimed to be 57% Acrylic, 15% Mohair, 15% Polyester, 13% Wool

PP

Melis Evcı  
Bilge YILMAZ BOZACI  
Customer Care Executive

Emre ÇALIK  
Chemical Laboratory Manager

**Intertek Test Hizmetleri A.S.**  
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL  
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55  
e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)  
<http://www.intertek-turkey.com>



251120082

## TEST REPORT

REPORT : TURT251120082

Page 2 of 10

TEST	SAMPLE
	1
Migration of Certain Elements (EN 71-3)	P

**P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / MA = MINIMUM AMOUNT**

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party, nor could it be used for PR activities. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Tests marked (\*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory. Intertek accredited by TÜRKAK under registration number (AB-0716-T) for (TS EN ISO IEC 17025) as test laboratory. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

**Intertek Test Hizmetleri A.S.**

*Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197/ISTANBUL*

**Phone : +90 212 496 46 46 Fax: +90 212 452 80 55**

**e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)**

**<http://www.intertek-turkey.com>**



251120082

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Light green yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Green yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Yellow yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Turquoise yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Pink yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Brown yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

Test Method	Results	Requirements
-------------	---------	--------------

**Migration of Certain Elements (EN 71-3)**

BS EN 71-3:2019+A2:2024

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Purple yarn	Result	Reporting Limit	Requirement
Antimony (Sb)	Not Detected	0.2 ppm	560 ppm
Arsenic (As)	Not Detected	0.1 ppm	47 ppm
Barium (Ba)	Not Detected	100 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.004 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.05 ppm	94 ppm
Selenium (Se)	Not Detected	3 ppm	460 ppm
Aluminium (Al)	Not Detected	400 ppm	28130 ppm
Boron (B)	Not Detected	100 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.5 ppm	130 ppm
Copper (Cu)	Not Detected	50 ppm	7700 ppm
Manganese (Mn)	Not Detected	100 ppm	15000 ppm
Nickel (Ni)	Not Detected	6 ppm	930 ppm
Strontium (Sr)	Not Detected	250 ppm	56000 ppm
Tin (Sn)	Not Detected	0.2 ppm	180000 ppm
Zinc (Zn)	Not Detected	300 ppm	46000 ppm

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Scrapable Coating - Cr VI: ±10%, Organic Tin: ±25%, Others: ±22%,  
Metal - Cr VI: ±10%, Organic Tin: ±26%, Others: ±22%  
Plastik - Cr VI: ±14%, Organic Tin: ±27%, Others: ± 23%  
Liquid Paint - Cr VI: ±13%, Organic Tin: ±26%, Others: ±22%  
Textile - Cr VI: ±15%, Organic Tin: ±26%, Others: ±23%)

## RESULTS

REPORT :TURT251120082

Page 10 of 10

31 October ,2025



---

## END OF TEST REPORT ##