

TEST REPORT

Report Ref: LEHTX00101504	Date Issued: 05/10/2017
Date Received : 27/09/2017	

Company Name & Address	Bleu Agro 166 Avenue des Aureats Valence Drome France 26000
Contact Name:	GOURDOL Roland

Order No.:	
Description:	Polyester Cotton Gloves
Colour (S) :	Natural
Supplier:	IHSAN Sons (Pvt.) Ltd
End Use:	
Quoted Composition:	
Ref / Style No.	440-PC
Quality:	
Batch No.:	
Specification:	EN 388: 2016 / EN 420: 2003 + A1: 2009

Tests Conducted	Method	Sample	Pass/Fail
Gloves – Abrasion Resistance	EN 388 - 6.1		See Results
Gloves – Blade Cut Resistance	EN 388 - 6.2		Level 0
Gloves – Tear Strength	EN 388 - 6.4		Level 2
Gloves – Puncture Resistance	EN 388 - 6.5		Level 1
Gloves – Design & Construction	EN 420		Pass
Gloves – Sizing	EN 420		See Results
Gloves – Dexterity	EN 420		Level 5
^Azo Dyes in Textiles	EN 14362-1		Pass

RESULTS: See attachment

COMMENT: Where the results of a test fall close to the requirement, compliance with the specification may be affected by the uncertainty of measurement of the test. In those circumstances, the client is advised to contact the laboratory for further information

Unmarked tests included in this report are on our UKAS Scope 1516.

Tests marked (^) in this Report are included in the UKAS Scope of the sub-contractor who performed the test.

Tests marked (*) in this Report are not included in our UKAS Scope 1516.

Tests marked (**) in this Report are not included in the UKAS Scope for the sub-contractor who performed the test.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

Note: A sub-contractor whose certification comes under the ILAC agreement would also be marked in the same manner as a UKAS sub-contractor.



Steven Owen
(Laboratory Manager)

9341 GLOVES – ABRASION RESISTANCE (EN 388:2016 6.1)							
SAMPLE		Results			Performance Levels		
440-PC		Holes developed before 100 cycles			Level 1: greater than 100 less than 500 cycles Level 2: greater than 500 less than 2000 cycles Level 3: greater than 2000 less than 8000 cycles Level 4: greater than 8000 cycles		
9342 GLOVES - BLADE CUT RESISTANCE (EN 388:2016 6.2)							
SAMPLE		RESULTS				Performance Level:	
440-PC		Sample 1					Level 1: 1.2
		I1	I2	I3	I4	I5	Level 2: 2.5
		1.3	1.1	1.2	1.2	1.2	Level 3: 5.0
		Average Index: 1.2					Level 4: 10.0
		Sample 2					Level 5: 20.0
		I6	I7	I8	I9	I10	:
		1.1	1.1	1.1	1.1	1.1	
		Average Index: 1.1					
9343 GLOVES – TEAR STRENGTH (EN 388:2016 6.4)							
SAMPLE		Results			Performance Levels		
440-PC		32.74 N			Level 1: >10 N Level 2: >25 N Level 3: >50 N Level 4: >75 N		
9340 GLOVES – PUNCTURE RESISTANCE (EN 388:2016 6.5)							
SAMPLE		Results			Performance Levels		
440-PC		31.33 N			Level 1: >20 N Level 2: >60 N Level 3: >100 N Level 4: >150 N		
9490 GLOVES – DESIGN AND CONSTRUCTION BS EN 420:2003 + A1: 2009							
SAMPLE		Results			REQUIREMENT		
440-PC		Meets Requirements			Shall meet the design and construction requirements		

9344 GLOVES - SIZING BS EN 420:2003 + A1: 2009					
SAMPLE		Results			
440-PC	Size: 7 found to be Size 6		Size: 8 found to be Size 7		Size: 9 found to be Size 9
	Left:	228	Left:	237	Left: 256
	Right:	227	Right:	236	Right: 255
9344 GLOVES - SIZING BS EN 420:2003 + A1: 2009					
SAMPLE		Results			
440-PC	Size: 10 found to be Size 9		Size: found to be Size		Size: found to be Size
	Left:	228	Left:		Left:
	Right:	227	Right:		Right:
9345 GLOVES - DEXTERITY BS EN 420:2003 + A1: 2009					
SAMPLE		Results			
	Size: 7		Size: 9		Size:
	Left:	5	Left:	5	Left:
	Right:	5	Right:	5	Right:

8022 ^AZO DYES BS EN 14362-1: 2012		
Composite Sample:- Cream, Beige Main Fabric		
By Gas Chromatographic – Mass Spectrometric (GC-MS) and High Performance Chromatographic (HPLC) analysis		
METHOD	Textile Method - Combined	
REQUIREMENTS	<30 ppm	
Banned Amine In Azo Dyes	CAS Number	Result
4-Aminodiphenyl	92-67-1	ND
Benzidine	92-87-5	ND
4-Chloro-O-Toluidine	95-69-2	ND
2-Naphthylamine	91-59-8	ND
*o-Aminoazotoluene	97-56-3	ND
*2-Amino-4-nitrotoluene	99-55-8	ND
p-Chloroaniline	106-47-8	ND
2,4-Diamino-Anisole	615-05-4	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND
3,3'-Dichlorobenzidine	91-94-1	ND
3,3'-Dimethoxybenzidine	119-90-4	ND
3,3'-Dimethylbenzidine	119-93-7	ND
4,4'diamino-3,3'-dimethylphenyl methane	838-88-0	ND
p-Cresidine	120-71-8	ND
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	ND
4,4'-Oxydianiline	101-80-4	ND
4,4'-Thiodianiline	139-65-1	ND
o-Toluidine	95-53-4	ND
2,4-toluylenediamine	95-80-7	ND
2,4,5-Trimethyl aniline	137-17-7	ND
o-Anisidine	90-04-0	ND
**P-aminoazobenzene	60-09-3	ND
2,4-dimethylbenzeneamine	95-68-1	ND
2,6-dimethylbenzeneamine	87-62-7	ND
Note: <ol style="list-style-type: none"> The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4- toluediamine. Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4- phenylenediamine . The presence of these colorants can not be reliably ascertained without additional information, e.g. chemical structure of the colorant used. According to EN 14362-1:2012, separate test is suggested to ascertain the compliance for result of mixed test in the range between 5 ppm and 30 ppm. Azocolourants Content Requirement In Annex XVII Item 43 Of The REACH Regulation (EC) NO. 1907/2006 & Amendment No. 552/2009 and 126/2013 (Formerly Known As Directive 2002/61/EC According to the official method EN 14362-1:2012, if 4-Aminodiphenyl or 2-Naphthylamine or 2,4-Diaminoanisole is found exceeding requirement, the use of forbidden Azo colourants cannot be ascertained without additional information e.g. The chemical structure of the colourant used. 		
ppm : parts per million (mg/kg) / Detection limit: 5 ppm – ND: Not Detected / The allowed limit specified <30 ppm		



End of Report

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