



**BUREAU
VERITAS**

TEST REPORT

POLYCONCEPT GBS
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ATTN: Ms. / Mr. Jasmine Gu, Sonia He

LAB NO.: (6823)323-0753R2
FORM NO.: /
DATE IN: November 19, 2023
DATE OUT: November 23, 2023
1ST REVISION DATE: November 25, 2023
2ND REVISION DATE: November 27, 2023
1ST REVISION REASON: Vendor & factory information also test requirement added as client's provided guideline.
2ND REVISION REASON: Total lead content REACH Annex XVII Entry updated

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DIVISION:
DEPARTMENT: HG LIFESTYLE
CATEGORY: /
BUYER Polyconcept
NO. OF WORKING DAYS: 05
PAGE: PAGE 1 OF 8

FAX: /

The report is amendment of and supersedes the previous report (6823)323-0753R1 November 25, 2023

OVERALL RATING

PASS X
FAIL
DATA

Vendor:	#11832	Agent:	/
Fabric Supplier/Mill:	/	Factory/ Manufacturer:	#14012
P.O. No.:	659954/659955	Style No.:	11333201- White/11333207- Oatmeal/11333255- Navy/11333261- Green/11333290- Black/11333354- Indigo
Sample Description:	Shara 240 G/M2 Grs Apron/Nima 320g/M2 Grs Denim Apron	Style Description:	/
Color:	11333201-White, 11333207- Oatmeal, 11333255-Navy, 11333261-Green, 11333290- Black, 11333354-Indigo	Country of Origin:	Bangladesh
		Country of Destination:	EU
Claimed Fabric Weight:	/	Claimed Fabric Construction:	/
Yarn Count & Gauge:	/	Submitted Size:	/
Size Range:	/	FPU No.:	/

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GPU No.:	/	End Use:	/
Product Category:	/		
Test Requested:	As Vendor Request		
Previous Report No.:	/		
Submitted Fiber Content:	/		
Actual Fiber Content:	/		
Suggested Fiber Content:	/		
Submitted Care Instruction(s):	/		

Client Expected Care Instruction:	/
Suggested Care Instruction(s):	/

TEST PROPERTY	PASS	FAIL	DATA	REMARKS
AZO DYES CONTENT (ANALYSIS OF AMINES IN DYESTUFF)	X			
DISPERSE DYES	X			
CARCINOGENIC DYES	X			
FORMALDEHYDE CONTENT	X			
DIMETHYLFORMAMIDE (DMFa)	X			
TOTAL LEAD CONTENT	X			
TOTAL CADMIUM CONTENT	X			
CHROMIUM VI	X			
EXTRACTABLE HEAVY METAL	X			

Note: Azo Dyes test is not applicable to white color.

EXECUTIVE SUMMARY: /

**BUREAU VERITAS
CONSUMER PRODUCTS SERVICES (BANGLADESH) LTD.**



**BELAL HOSSAIN
SENIOR MANAGER**

REMARKS:

1. This report is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our written permission.
2. Our report is limited to the test samples identified herein. The results set forth in this report are not necessarily indicative or representative of the statistical quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted.
3. Our report includes all the tests requested by you and the results thereof. You shall have thirty days from receipt of this report to request additional testing of the samples or to notify us of any errors or omissions relating to our report; provided, however, such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

TEST CONDUCTED**Aromatic Amines Content from Azo Colorants - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Annex XVII, Entry 43 & 72**

Method: For Textile: EN ISO 14362-1/3

- Tested Item(s)** :
1. Beige melange shell fabric (11333207-Oatmeal Gmt)
 2. Navy shell fabric (11333255-Navy Gmt)
 3. Green shell fabric (11333261-Green Gmt)
 4. Black shell fabric (11333290-Black Gmt)
 5. Dark navy denim shell fabric (11333354-Indigo Gmt)

Parameter	CAS No.	Limit	Result	
			1+2	3+4+5
Tested Item(s)			1+2	3+4+5
4-Aminodiphenyl	92-67-1	30 mg/kg	ND	ND
Benzidine	92-87-5	30 mg/kg	ND	ND
4-Chloro-o-toluidine	95-69-2	30 mg/kg	ND	ND
2-Naphthylamine	91-59-8	30 mg/kg	ND	ND
o-Aminoazotoluene	97-56-3	30 mg/kg	ND	ND
5-nitro-o-toluidine	99-55-8	30 mg/kg	ND	ND
4-Chloroaniline	106-47-8	30 mg/kg	ND	ND
2,4-Diaminoanisole	615-05-4	30 mg/kg	ND	ND
4,4'-Diaminodiphenylmethane	101-77-9	30 mg/kg	ND	ND
3,3'-Dichlorobenzidine	91-94-1	30 mg/kg	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	30 mg/kg	ND	ND
3,3'-Dimethylbenzidine	119-93-7	30 mg/kg	ND	ND
4,4'-Methylenedi-o-toluidine	838-88-0	30 mg/kg	ND	ND
p-Cresidine	120-71-8	30 mg/kg	ND	ND
4,4'-Methylene-bis-(2-chloraniline)	101-14-4	30 mg/kg	ND	ND
4,4'-Oxydianiline	101-80-4	30 mg/kg	ND	ND
4,4'-Thiodianiline	139-65-1	30 mg/kg	ND	ND
o-Toluidine	95-53-4	30 mg/kg	ND	ND
2,4-Toluenediamine	95-80-7	30 mg/kg	ND	ND
2,4,5-Trimethylaniline	137-17-7	30 mg/kg	ND	ND
2-Methoxyaniline	90-04-0	30 mg/kg	ND	ND
2,4-Xylidine	95-68-1	30 mg/kg	ND	ND
2,6-Xylidine	87-62-7	30 mg/kg	ND	ND
4-Aminoazobenzene	60-09-3	30 mg/kg	ND	ND
4-chloro-o-toluidinium chloride	3165-93-3	30 mg/kg	ND	ND
2-Naphthylammoniumacetate	553-00-4	30 mg/kg	ND	ND
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	30 mg/kg	ND	ND
2,4,5-trimethylaniline hydrochloride	21436-97-5	30 mg/kg	ND	ND
Conclusion			PASS	PASS

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): Each 10

Remark: Azo colorants that are able to form p-aminoazobenzene, generate aniline and 1,4-phenylenediamine under the condition of this method. Aniline and 1,4-phenylenediamine are not detected under the condition of this method.

Disperse Dyes: REACH Annex XVII Entry 72

Method: All materials: DIN 54231

- Tested Item(s)** :
1. Beige melange shell fabric (11333207-Oatmeal Gmt)
 2. Navy shell fabric (11333255-Navy Gmt)
 3. Green shell fabric (11333261-Green Gmt)
 4. Black shell fabric (11333290-Black Gmt)
 5. Dark navy denim shell fabric (11333354-Indigo Gmt)

Parameter	CAS No.	Limit	Result	
Tested Item(s)			1+2	3+4+5
1,4,5,8-tetraaminoanthraquinone; C.I. Disperse Blue 1	2475-45-8	50 mg/kg	ND	ND
Conclusion			PASS	PASS

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 1

Carcinogenic Dyes: REACH Annex XVII Entry 72

Method: All materials: DIN 54231

- Tested Item(s)** :
1. Beige melange shell fabric (11333207-Oatmeal Gmt)
 2. Navy shell fabric (11333255-Navy Gmt)
 3. Green shell fabric (11333261-Green Gmt)
 4. Black shell fabric (11333290-Black Gmt)
 5. Dark navy denim shell fabric (11333354-Indigo Gmt)

Parameter	CAS No.	Limit	Result	
Tested Item(s)			1+2	3+4+5
Benzenamine, 4,4'-(4- iminocyclohexa-2,5- dienylidenemethylene)dianiline hydrochloride; C.I. Basic Red 9	569-61-9	50 mg/kg	ND	ND
[4-[4,4'- bis(dimethylamino)benzhydrylide ne]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride; C.I. Basic Violet 3 with ≥ 0,1 % of Michler's ketone (EC no. 202-027-5)	548-62-9	50 mg/kg	ND	ND
Conclusion			PASS	PASS

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 1

Formaldehyde Content: REACH Annex XVII Entry 72

Method: EN ISO 14184-1

- Tested Item(s)** :
1. White shell fabric (11333201-White Gmt)
 2. Beige melange shell fabric (11333207-Oatmeal Gmt)
 3. Navy shell fabric (11333255-Navy Gmt)
 4. Green shell fabric (11333261-Green Gmt)
 5. Black shell fabric (11333290-Black Gmt)
 6. Dark navy denim shell fabric (11333354-Indigo Gmt)

Tested Item(s)	Result	Unit	Conclusion	Limit
1+2+3	ND	mg/kg	PASS	75 mg/kg
4+5+6	ND	mg/kg	PASS	

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 10

Dimethylformamide (DMFa): REACH SVHCs

Method: CEN ISO/TS 16189

- Tested Item(s)** :
1. White shell fabric (11333201-White Gmt)
 2. Beige melange shell fabric (11333207-Oatmeal Gmt)
 3. Navy shell fabric (11333255-Navy Gmt)
 4. Green shell fabric (11333261-Green Gmt)
 5. Black shell fabric (11333290-Black Gmt)
 6. Dark navy denim shell fabric (11333354-Indigo Gmt)

Tested Item(s)	Result	Unit	Conclusion	Limit
1+2+3	ND	mg/kg	PASS	1000 mg/kg
4+5+6	ND	mg/kg	PASS	

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 10

Total Lead Content: REACH Annex XVII Entry 63

Method: EN 16711-1

- Tested Item(s)** :
1. White shell fabric (11333201-White Gmt)
 2. Beige melange shell fabric (11333207-Oatmeal Gmt)
 3. Navy shell fabric (11333255-Navy Gmt)
 4. Green shell fabric (11333261-Green Gmt)
 5. Black shell fabric (11333290-Black Gmt)
 6. Dark navy denim shell fabric (11333354-Indigo Gmt)

-	Unit	Result		Limit
Tested Item(s)	-	1+2+3	4+5+6	
Parameter	-	-	-	
Lead (Pb)	mg/kg	ND	ND	500mg/kg
Conclusion	-	PASS	PASS	-

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 10

Total Cadmium Content: REACH Annex XVII Entry 23

Method: EN 16711-1

- Tested Item(s)** :
1. White shell fabric (11333201-White Gmt)
 2. Beige melange shell fabric (11333207-Oatmeal Gmt)
 3. Navy shell fabric (11333255-Navy Gmt)
 4. Green shell fabric (11333261-Green Gmt)
 5. Black shell fabric (11333290-Black Gmt)
 6. Dark navy denim shell fabric (11333354-Indigo Gmt)

-	Unit	Result		Limit
Tested Item(s)	-	1+2+3	4+5+6	
Parameter	-	-	-	
Cadmium (Cd)	mg/kg	ND	ND	100mg/kg
Conclusion	-	PASS	PASS	-

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 5

Chromium VI: REACH Annex XVII Entry 47

Method: ISO 105 E04

- Tested Item(s) :**
1. White shell fabric (11333201-White Gmt)
 2. Beige melange shell fabric (11333207-Oatmeal Gmt)
 3. Navy shell fabric (11333255-Navy Gmt)
 4. Green shell fabric (11333261-Green Gmt)
 5. Black shell fabric (11333290-Black Gmt)
 6. Dark navy denim shell fabric (11333354-Indigo Gmt)

-	Unit	Result						Limit
Tested Item(s)	-	1	2	3	4	5	6	
Parameter	-	-	-	-	-	-	-	
Chromium VI (Cr VI)	mg/kg	ND	ND	ND	ND	ND	ND	3mg/kg
Conclusion	-	PASS	PASS	PASS	PASS	PASS	PASS	-

Note: ND = Not detected mg/kg = milligram per kilogram Detection Limit (mg/kg): 3

Extractable Heavy Metals: REACH Annex XVII Entry 72

Method: EN 16711-2

- Tested Item(s) :**
1. White shell fabric (11333201-White Gmt)
 2. Beige melange shell fabric (11333207-Oatmeal Gmt)
 3. Navy shell fabric (11333255-Navy Gmt)
 4. Green shell fabric (11333261-Green Gmt)
 5. Black shell fabric (11333290-Black Gmt)
 6. Dark navy denim shell fabric (11333354-Indigo Gmt)

-	Limit	Result	
Tested Item(s)	-	1+2+3	4+5+6
Parameter	-	-	-
Cadmium and its compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	1 mg/kg	ND	ND
Chromium VI compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	1 mg/kg	ND	ND
Arsenic compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	1 mg/kg	ND	ND
Lead and its compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	1 mg/kg	ND	ND
Conclusion	-	PASS	PASS

Note: ND = Not detected
“>” = More than
mg/kg = milligram per kilogram
Detection Limit (mg/kg): Each (As & Cd) 0.02; Each (Pb) 0.1; Each (CrVI) 0.5

Photo of the Submitted Sample

