

Number: HKGT05189181

TEST REPORT

Applicant: NEWTON (HK) LIMITED
FLAT 303-4 3/F YEE KUK INDL CTR
555 YEE KUK ST
CHEUNG SHA WAN
KLN HK

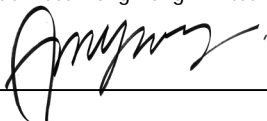
Date: Jan 20, 2021

Attn: NICOLE PUN

Sample Description As Declared :

No. Of Sample : Twenty Nine
Buyer's Name : -
Agent's Name : -
Manufacturer's Name : Newton (HK) Limited
Sample Description : (A-L) Non Woven Fabric - Solid Color
(M-R) Non Woven Fabric - Pattern Color
(S-T) Non Woven Fabric - Gradient Color
(U-AB) Non Woven Fabric - Pattern Color
(AC) Non Woven Fabric - Gradient Color

For and on behalf of
Intertek Testing Services Hong Kong Limited



Amy K.W. Wong
Assistant General Manager



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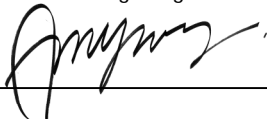


TEST REPORT

Colour : (A) Light Purple
(B) Coral Pink
(C) Ocean Blue
(D) White
(E) Aqua Blue
(F) Lemon Yellow
(G) Lavender
(H) Cherry Blossom
(I) Black
(J) Orange
(K) Lime
(L) Magenta
(M) CNY Blue Cat
(N) CNY Red Cat
(O) CNY Leopard
(P) CNY Green Floral
(Q) CNY Pink Floral
(R) CNY Animal
(S) Pinky Yellow
(T) Blueish Purple
(U) Jeans Mid Blue
(V) Jeans Dark Blue
(W) Army Green
(X) Army Blue
(Y) British White
(Z) British Blue
(AA) Digital Army Green
(AB) Black Checkers
(AC) Grelish

Style No. : -
Order No. / PO No. : -
Product End Uses : -
Fibre Content : -
Fabric/GMT Weight : -

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Assistant General Manager



TEST REPORT

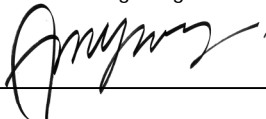
- Ref. : (1) Non Woven Fabric in Light Purple
(2) Non Woven Fabric in Coral Pink
(3) Non Woven Fabric in Ocean Blue
(4) Non Woven Fabric in White
(5) Non Woven Fabric in Aqua Blue
(6) Non Woven Fabric in Lemon Yellow
(7) Non Woven Fabric in Lavender
(8) Non Woven Fabric in Cherry Blossom
(9) Non Woven Fabric in Black
(10) Non Woven Fabric in Orange
(11) Non Woven Fabric in Lime
(12) Non Woven Fabric in Magenta
(13) Non Woven Fabric in CNY Blue Cat
(14) Non Woven Fabric in CNY Red Cat
(15) Non Woven Fabric in CNY Leopard
(16) Non Woven Fabric in CNY Green Floral
(17) Non Woven Fabric in CNY Pink Floral
(18) Non Woven Fabric in CNY Animal
(19) Non Woven Fabric in Pinky Yellow
(20) Non Woven Fabric in Blueish Purple
(21) Non Woven Fabric in Jeans Mid Blue
(22) Non Woven Fabric in Jeans Dark Blue
(23) Non Woven Fabric in Army Green
(24) Non Woven Fabric in Army Blue
(25) Non Woven Fabric in British White
(26) Non Woven Fabric in British Blue
(27) Non Woven Fabric in Digital Army Green
(28) Non Woven Fabric in Black Checkers
(29) Non Woven Fabric in Grelish

Date Received/Date Test Started : Jan 07, 2021

Applicant's Provided Care Instruction/Label :

-

For and on behalf of
Intertek Testing Services Hong Kong Limited



Amy K.W. Wong
Assistant General Manager



TEST REPORT

Original Sample Photo:



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TEST REPORT

Conclusion:

Azo Dyes	(A) M1	(B) M1	(C) M1	(D) M1	(E) M1	(F) M1
Azo Dyes	(G) M1	(H) M1	(I) M1	(J) M1	(K) M1	(L) M1
Azo Dyes	(M) M1	(N) M1	(O) M1	(P) M1	(Q) M1	(R) M1
Azo Dyes	(S) M1	(T) M1	(U) M1	(V) M1	(W) M1	(X) M1
Azo Dyes	(Y) M1	(Z) M1	(AA) M1	(AB) M1	(AC) M1	

Note : M = Commercially Acceptable
= No Comment
C = Conform Label
- = Did Not Perform

F = Fail
N/A = Not Applicable
* = See Remark

Remark:

M1 Tested components of samples A to AC pass in REACH Regulation (EC) no. 1907/2006, Annex XVII Item 43 & amendment (EC) no. 552/2009 and (EU) no. 2096/2020 - Azocolourants content.

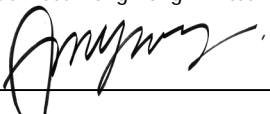
For any queries on this report, you are welcome to contact our customer service representatives:

EM3

Evan (852) 63290443 or email to evan.chan@intertek.com

Tonia Lam (852) 63290448 or email to tonia.lam@intertek.com

For and on behalf of
Intertek Testing Services Hong Kong Limited



Amy K.W. Wong
Assistant General Manager



TEST REPORT

Tests Conducted (As Requested By The Applicant)

1 Detection Of Amines Derived From Azocolourants and Azodyes:

Test Method : By extraction on cut sample according to the below listed test method(s), followed by Gas Chromatographic - Mass Spectrometric (GC-MS) analysis and confirmed by High-Performance Liquid Chromatography / Diode Array Detector (HPLC/DAD) analysis.

EN ISO 14362-1 : 2017 for Textile Material

EN ISO 17234-1 : 2015 for Leather Material

EN ISO 14362-3 : 2017 & EN ISO 17234-2: 2011 for 4-Aminoazobenzene

<u>Forbidden</u>	<u>Cas No.</u>	<u>Result</u>	
		(1/2/3), (4/5/6), (7/8/9), (10/11/40), (12), (13), (14), (15), (16), (17), (18/19), (20/21), (22/23/39), (24/25), (26/27), (28/29), (30/31), (32), (33), (34/35), (36/37), (38)	
		<u>Method T</u>	<u>Method D</u>
1. 4-Aminodiphenyl	92-67-1	N	N
2. Benzidine	92-87-5	N	N
3. 4-Chloro-o-Toluidine	95-69-2	N	N
4. 2-Naphthylamine	91-59-8	N	N
5. o-Aminoazotoluene	97-56-3	N	N
6. 2-Amino-4-Nitrotoluene	99-55-8	N	N
7. p-Chloroaniline	106-47-8	N	N
8. 2,4-Diaminoanisole	615-05-4	N	N
9. 4,4'-Diaminodiphenylmethane	101-77-9	N	N
10. 3,3'-Dichlorobenzidine	91-94-1	N	N
11. 3,3'-Dimethoxybenzidine	119-90-4	N	N
12. 3,3'-Dimethylbenzidine	119-93-7	N	N
13. 3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N
14. p-Cresidine	120-71-8	N	N
15. 4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	N	N
16. 4,4'-Oxydianiline	101-80-4	N	N
17. 4,4'-Thiodianiline	139-65-1	N	N
18. o-Toluidine	95-53-4	N	N
19. 2,4-Toluylenediamine	95-80-7	N	N
20. 2,4,5-Trimethylaniline	137-17-7	N	N
21. 2-Methoxyaniline	90-04-0	N	N
22. p-Aminoazobenzene	60-09-3	N	N

TEST REPORT

Tests Conducted (As Requested By The Applicant)

Detection Of Amines Derived From Azocolourants and Azodyes (Cont'd)

Tested Components :

- (1) Pale purple non-woven fabric (swatch of sample A)
- (2) Pink non-woven fabric (swatch of sample B)
- (3) Light blue non-woven fabric (swatch of sample C)
- (4) Aqua non-woven fabric (swatch of sample E)
- (5) Yellow non-woven fabric (swatch of sample F)
- (6) Light purple non-woven fabric (swatch of sample G)
- (7) Pinkish purple non-woven fabric (swatch of sample H)
- (8) Black non-woven fabric (swatch of sample I)
- (9) Orange non-woven fabric (swatch of sample J)
- (10) Lime green non-woven fabric (swatch of sample K)
- (11) Dull pink non-woven fabric (swatch of sample L)
- (12) White non-woven fabric with multi-color printings (swatch of sample M)
- (13) White non-woven fabric with multi-color printings (swatch of sample N)
- (14) White non-woven fabric with (light beige, black, light orange) printings (swatch of sample O)
- (15) White non-woven fabric with multi-color printings (swatch of sample P)
- (16) White non-woven fabric with multi-color printings (swatch of sample Q)
- (17) White non-woven fabric with multi-color printings (swatch of sample R)
- (18) White non-woven fabric with pink printings (edge of swatch of sample S)
- (19) White non-woven fabric with dull yellow printings (center part of swatch of sample S)
- (20) White non-woven fabric with purplish blue printings (edge of swatch of sample T)
- (21) White non-woven fabric with sky blue printings (center part of swatch of sample T)
- (22) White non-woven fabric with light blue printing (swatch of sample U)
- (23) White non-woven fabric dull black printing (swatch of sample V)
- (24) White non-woven fabric with black printing (swatch of sample W)
- (25) White non-woven fabric with brown printing (swatch of sample W)
- (26) White non-woven fabric with pale brown printing (swatch of sample W)
- (27) White non-woven fabric with dull green printing (swatch of sample W)
- (28) White non-woven fabric with dark blue printing (swatch of sample X)
- (29) White non-woven fabric with deep blue printing (swatch of sample X)
- (30) White non-woven fabric with blue printing (swatch of sample X)
- (31) White non-woven fabric with pale blue printing (swatch of sample X)
- (32) White non-woven fabric with multi-color printings (swatch of sample Y)
- (33) White non-woven fabric with (black, blue, pale blue, pale grey) printings (swatch of sample Z)
- (34) White non-woven fabric with black printing (swatch of sample AA)
- (35) White non-woven fabric with deep brown printing (swatch of sample AA)
- (36) White non-woven fabric with deep beige printing (swatch of sample AA)
- (37) White non-woven fabric with deep green printing (swatch of sample AA)
- (38) White non-woven fabric with dull black printing (swatch of sample AB)
- (39) White non-woven fabric with deep grey printing (swatch of sample AC)
- (40) White non-woven fabric (swatch of sample D)

TEST REPORT

Tests Conducted (As Requested By The Applicant)

Detection Of Amines Derived From Azocolourants and Azodyes (Cont'd)

Remark : N = Not detected

Detection Limit = 5 ppm

Requirement = 30 ppm (max.)

ppm = parts per million = mg/kg

Method T : Direct buffer extraction as per EN ISO 14362-1 : 2017 Section 10.2

Method D : Colourant extraction with Xylene as per EN ISO 14362-1 : 2017 Section 10.1

- High Performance Liquid Chromatographic (HPLC) analysis was used to confirm any detected amines.

- The test component with p-aminoazobenzene less than detection limit was tested by EN ISO 14362-1 : 2017 for textile material / EN ISO 17234-1: 2015 for leather material.

If both methods T and D conducted, final conclusion was based on the highest value of each amine.

Date Sample Received : JAN 07, 2021

Testing Period : JAN 07, 2021 To JAN 18, 2021

End of Report

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to the latest version of Intertek's "Decision Rule Information" and is available on Intertek's website. <https://intertekhk.qrd.by/decision-rules-info>. If decision rule already inhaled in the requested specification or standard, Intertek's "Decision Rule Information" is not applicable.

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