

TEST REPORT

Test Report # 21W-001509(A2) Date of Report Issue: June 23, 2021
Date of Sample Received: February 1, 2021 Pages: Page 1 of 38

CLIENT INFORMATION:

Company: Spector & Co.
Address: -



SAMPLE INFORMATION:

Description: NOMAD MUST HAVES
Assortment: BLK, BLU
Model/style No.: BGR204
PO No.: -
SKU No.: -
Item No./Item Name: -
Factory/Supplier: USB059
Country of Origin: China
Country of Distribution: Canada, United States
Testing Period: 02/05/2021-02/09/2021, 03/10/2021-03/16/2021, 06/17/2021-06/23/2021

OVERALL RESULT:

 **PASS with information**

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.

QIMA (HANGZHOU) TESTING CO., LTD.



Eric Liu
Lab Operation Director

Vicky Yu
Chemical Laboratory Supervisor



QIMA (HANGZHOU) TESTING CO., LTD. ♦ 4-5/F A2 BLDG NO. 1213 HUOJU SOUTH ROAD PUYAN STREET BINJIANG DISTRICT HANGZHOU CHINA

♦ Email: Labtesting@qima.com ♦ Tel: (86) 571 8999 7158.

Test(s) marked with 'φ' was subcontracted to external laboratory.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Substrate Materials
N/A	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	California Proposition 65, Total Cadmium in Substrate Materials
Information only	Client's requirement, Total Nickel content
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)
PASS	Client's Requirement, Phthalates content
PASS	Color Fastness to Water
PASS	Color Fastness to Crocking
PASS	Color Fastness to Light
Information only	Article Weight
Information only	Fabric Weight Per Unit Area
PASS	Seam Strength
PASS	Tensile Strength
PASS	Tearing Strength
PASS	Abrasion Resistance
PASS	Pilling Resistance
PASS	Water Repellency-Spray Test
PASS	Water Resistance –Rain Test
Information only	Client's Requirement, Capacity Test of Bags
PASS	Client's Requirement for Static Load Test



DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+24	2+3+4	5	6+11	7	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	9	10	12+14+15	13	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	22	16	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17	18	19+20	21	22	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	23	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	100
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+24	20W-000986(A2)	1+21	January 8, 2021
2+3+4	20W-000986(A2)	2+3+4	January 8, 2021
5	20W-000986(A2)	5	January 8, 2021
6+11	20W-000986(A2)	6+11	January 8, 2021
7	20W-000986(A2)	7	January 8, 2021
8	20W-000986(A2)	8	January 8, 2021
9	20W-000986(A2)	9	January 8, 2021
10	20W-000986(A2)	10	January 8, 2021
12+14+15	20W-000986(A2)	12+14+15	January 8, 2021
13	20W-000986(A2)	13	January 8, 2021
16+17	20W-000986(A2)	16+17	January 8, 2021
18	20W-000986(A2)	18	January 8, 2021
19+20	20W-000986(A2)	19+20	January 8, 2021
21	20W-000986(A2)	21	January 8, 2021
22	20W-000986(A2)	22	January 8, 2021
23	20W-000986(A2)	23	January 8, 2021



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DETAILED RESULTS:

Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+24	5	8	9	10	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	22	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12+14+15	13	18	19+20	21	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	16	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	22	23	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	---	---	---	90
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg=Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+24	20W-000986(A2)	1+24	January 8, 2021
5	20W-000986(A2)	5	January 8, 2021
8	20W-000986(A2)	8	January 8, 2021
9	20W-000986(A2)	9	January 8, 2021
10	20W-000986(A2)	10	January 8, 2021
12+14+15	20W-000986(A2)	12+14+15	January 8, 2021
13	20W-000986(A2)	13	January 8, 2021
18	20W-000986(A2)	18	January 8, 2021
19+20	20W-000986(A2)	19+20	January 8, 2021
21	20W-000986(A2)	21	January 8, 2021
22	20W-000986(A2)	22	January 8, 2021
23	20W-000986(A2)	23	January 8, 2021



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DETAILED RESULTS:

California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+24	2+3+4	5	6+11	7	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	9	10	12+14+15	13	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17	18	19+20	21	22	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	23	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	75
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+24	20W-000986(A2)	1+24	January 8, 2021
2+3+4	20W-000986(A2)	2+3+4	January 8, 2021
5	20W-000986(A2)	5	January 8, 2021
6+11	20W-000986(A2)	6+11	January 8, 2021
7	20W-000986(A2)	7	January 8, 2021
8	20W-000986(A2)	8	January 8, 2021
9	20W-000986(A2)	9	January 8, 2021
10	20W-000986(A2)	10	January 8, 2021
12+14+15	20W-000986(A2)	12+14+15	January 8, 2021
13	20W-000986(A2)	13	January 8, 2021
16+17	20W-000986(A2)	16+17	January 8, 2021
18	20W-000986(A2)	18	January 8, 2021
19+20	20W-000986(A2)	19+20	January 8, 2021
21	20W-000986(A2)	21	January 8, 2021
22	20W-000986(A2)	22	January 8, 2021
23	20W-000986(A2)	23	January 8, 2021



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DETAILED RESULTS:

Client's requirement, Total Nickel content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	8	9+10	13+21	22+23	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Nickel(Ni)	25	27147	74413	4163	---	
Conclusion	Information only	Information only	Information only	Information only	---	

Note:

mg/kg = Milligrams per kilogram

ND = Not detected (report limit = 30mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	20W-000986(A2)	8	January 8, 2021
9+10	20W-000986(A2)	9+10	January 8, 2021
13+21	20W-000986(A2)	13+21	January 8, 2021
22+23	20W-000986(A2)	22+23	January 8, 2021



DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+24	2+3+4	5	6+11	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+24	20W-000986(A2)	1+24	January 8, 2021
2+3+4	20W-000986(A2)	2+3+4	January 8, 2021
5	20W-000986(A2)	5	January 8, 2021
6+11	20W-000986(A2)	6+11	January 8, 2021



DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		7	12+14+15	16+17	18	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
7	20W-000986(A2)	7	January 8, 2021
12+14+15	20W-000986(A2)	12+14+15	January 8, 2021
16+17	20W-000986(A2)	16+17	January 8, 2021
18	20W-000986(A2)	18	January 8, 2021



DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	19+20	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	---	---	1000
Conclusion		PASS	---	---	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19+20	20W-000986(A2)	19+20	January 8, 2021



DETAILED RESULTS:

CPSC 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+24	5	12+14+15	18	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+24	20W-000986(A2)	1+24	January 8, 2021
5	20W-000986(A2)	5	January 8, 2021
12+14+15	20W-000986(A2)	12+14+15	January 8, 2021
18	20W-000986(A2)	18	January 8, 2021



DETAILED RESULTS:

CPSC 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	19+20	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	1000
Conclusion		PASS	---	---	

Note:
 mg/kg = Milligrams per kilogram
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19+20	20W-000986(A2)	19+20	January 8, 2021



DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+24	2+3+4	5	6+11	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:
 mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:
 The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+24	20W-000986(A2)	1+24	January 8, 2021
2+3+4	20W-000986(A2)	2+3+4	January 8, 2021
5	20W-000986(A2)	5	January 8, 2021
6+11	20W-000986(A2)	6+11	January 8, 2021



DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		7	12+14+15	16+17	18	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:
 mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:
 The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
7	20W-000986(A2)	7	January 8, 2021
12+14+15	20W-000986(A2)	12+14+15	January 8, 2021
16+17	20W-000986(A2)	16+17	January 8, 2021
18	20W-000986(A2)	18	January 8, 2021



DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	19+20	---	---	---		
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	---	---	---	1000
Diethyl phthalate (DEP)	84-66-2	ND	---	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:
 mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:
 The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19+20	20W-000986(A2)	19+20	January 8, 2021



DETAILED RESULTS:

Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	25-Shell	25-Lining	25-Strap	25-Mesh	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	4.5	---	-
Staining on multi-fiber stripe						
-Acetate	4.5	4.0	4.5	4.5	---	Min. 3.5
-Cotton	4.5	4.5	4.5	4.5	---	Min. 3.5
-Nylon	4.5	3.5	4.0	4.5	---	Min. 3.5
-Polyester	4.5	4.5	4.5	4.5	---	Min. 3.5
-Acrylic	4.5	4.5	4.5	4.5	---	Min. 3.5
-Wool	4.5	4.5	4.5	4.5	---	Min. 3.5
Conclusion	PASS	PASS	PASS	PASS	---	-

Remark: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	20W-000986(A2)	25	January 8, 2021



DETAILED RESULTS:

Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	26-Shell	26-Lining	26- Strap	26-Mesh	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	4.5	---	-
Staining on multi-fiber stripe						
-Acetate	4.5	4.0	4.5	4.5	---	Min. 3.5
-Cotton	4.5	4.5	4.5	4.5	---	Min. 3.5
-Nylon	4.5	3.5	4.0	4.5	---	Min. 3.5
-Polyester	4.5	4.5	4.5	4.5	---	Min. 3.5
-Acrylic	4.5	4.5	4.5	4.5	---	Min. 3.5
-Wool	4.5	4.5	4.5	4.5	---	Min. 3.5
Conclusion	PASS	PASS	PASS	PASS	---	-

Remark: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	20W-000986(A2)	26	January 8, 2021



DETAILED RESULTS:

Color Fastness to Crocking

Test Method: AATCC 8-2016

Specimen No.	25-Shell	25-Lining	25- Strap	25-Mesh	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	4.5	4.5	4.5	---	Min. 4.0
Wet staining	4.5	4.5	4.5	4.5	---	Min. 2.5
Conclusion	PASS	PASS	PASS	PASS	---	-

Specimen No.	26-Shell	26-Lining	26- Strap	26-Mesh	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	4.5	4.5	4.5	---	Min. 4.0
Wet staining	4.5	4.5	4.5	4.5	---	Min. 2.5
Conclusion	PASS	PASS	PASS	PASS	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	20W-000986(A2)	25	January 8, 2021
26	20W-000986(A2)	26	January 8, 2021



DETAILED RESULTS:

Color Fastness to Light

Test Method: AATCC 16.3-2014; Option 3; Xenon Arc Lamp.

Specimen No.	25-Shell	25- Strap	26-Shell	26- Strap	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.0	4.5	4.5	4.5	---	Min. 4.0
Conclusion	PASS	PASS	PASS	PASS	---	-

Remarks: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	20W-000986(A2)	25	January 8, 2021
26	20W-000986(A2)	26	January 8, 2021



DETAILED RESULTS:

Article Weight

Test Method: With reference to IHTM-TXHZ-010

Specimen No.	25		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	1032	Information only

Specimen No.	26		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	960	Information only

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	20W-000986(A2)	25	January 8, 2021
26	20W-000986(A2)	26	January 8, 2021

Fabric Weight Per Unit Area

Test Method: ASTM D3776/D3776M-09a(R2017),Option C;

Specimen No.	27	28	29	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m ²)	523	397	78.4	---	---	N/A
(oz/yd ²)	15.4	11.7	2.31	---	---	N/A
Conclusion	Information only	Information only	Information only	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021
29	20W-000986(A2)	29	January 8, 2021



DETAILED RESULTS:

Seam Strength

Test Method: With reference to ASTM D 1683/D1683M-17(R2018); Instron CRE

Specimen No.	25		
Items	Client's requirement	Result	Conclusion
Side seam (Shell with Lining) (lbf)	Min. 25	85.9 (S.T.B.)	PASS
Bottom seam (Length) (Shell with Lining) (lbf)	Min. 25	215.8 (Y.P.O.)	
Bottom seam (Width) (Shell with Lining) (lbf)	Min. 25	89.9 (S.T.B.)	
Side seam(Lining) (lbf)	Min. 25	89.7 (S.T.B.)	
Bottom seam (Length Lining) (lbf)	Min. 25	51.2 (Y.P.O.)	
Bottom seam (Width Lining) (lbf)	Min. 25	52.2 (Y.P.O.)	

Specimen No.	26		
Items	Client's requirement	Result	Conclusion
Side seam (Shell with Lining) (lbf)	Min. 25	87.4 (S.T.B.)	PASS
Bottom seam (Length) (Shell with Lining) (lbf)	Min. 25	170.7 (S.T.B.)	
Bottom seam (Width) (Shell with Lining) (lbf)	Min. 25	117.4 (S.T.B.)	
Side seam (Lining) (lbf)	Min. 25	88.2 (S.T.B.)	
Bottom seam (Length Lining) (lbf)	Min. 25	50.2 (Y.P.O.)	
Bottom seam (Width Lining) (lbf)	Min. 25	48.8 (Y.P.O.)	

Remarks: S.T.B. = Sewing Thread Breaks.
Y.P.O. =Yarns Pull Out.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	20W-000986(A2)	25	January 8, 2021
26	20W-000986(A2)	26	January 8, 2021



DETAILED RESULTS:

Tensile Strength

Test Method: ASTM D5034-09(R 2017); Instron CRE – 1” Grab

Specimen No.	27	28	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	
Warp	296.3	302.3	Min. 25
Weft	224.7	229.0	Min. 25
Conclusion	PASS	PASS	-

Remark: All the warp and weft specimens were jaw broken.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021

Tensile Strength

Test Method: ASTM D5034-09(R 2017); Instron CRE – 1” Grab

Specimen No.	29	-	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	
Warp	140.3	-	Min. 25
Weft	97.6	-	Min. 25
Conclusion	PASS	-	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
29	20W-000986(A2)	29	January 8, 2021



DETAILED RESULTS:

Tearing Strength

Test Method: ASTM D1424-09(R2013) Elmendorf

Specimen No.	27	28	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	
Warp	12.9	9.2	Min. 1.5
Weft	13.5	9.4	Min. 1.5
Conclusion	PASS	PASS	-

Specimen No.	29	-	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	
Warp	6.6	-	Min. 1.5
Weft	6.4	-	Min. 1.5
Conclusion	PASS	-	-

Note: Warp test - test in which the Warp yarns are torn.

Weft test - test in which the Weft yarns are torn.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021
29	20W-000986(A2)	29	January 8, 2021



DETAILED RESULTS:

Abrasion Resistance

Test Method: ASTM D4966-12^{ε1}, Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	27	28	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	
End point	>10000	>10000	10000
Conclusion	PASS	PASS	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021

Abrasion Resistance

Test Method: ASTM D4966-12^{ε1}, Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	31	-	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	
End point	>8500	-	8500
Conclusion	PASS	-	-



DETAILED RESULTS:

Pilling Resistance

Test Method: ASTM D3512/D3512M-16; After 30 min. tumbling in Random tumble Pilling Tester

Specimen No.	27	28	Client's requirement
Items	Result	Result	
As received Rating	4.5	4.5	Min. 3.5
Conclusion	PASS	PASS	-

Specimen No.	30	-	Client's requirement
Items	Result	Result	
As received Rating	4.5	-	Min. 3.5
Conclusion	PASS	-	-

Remarks: Pilling Rating

- 5 No pilling
- 4 Slight pilling
- 3 Moderate pilling
- 2 Severe pilling
- 1 Very severe pilling

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021
30	20W-000986(A2)	30	January 8, 2021



DETAILED RESULTS:

Water Repellency-Spray Test

Test Method: AATCC 22-2017; Spray Test – Tested under controlled condition, water temperature: 27±1°C

Specimen No.	27			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	100	100	100	Min. 90
Conclusion	PASS			-

Specimen No.	28			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	100	100	100	Min. 90
Conclusion	PASS			-

- Remarks: Spray Rating
- 100 No sticking or wetting of specimen face
 - 90 Slight random sticking or wetting of specimen face
 - 80 Wetting of specimen face at spray points
 - 70 Partial wetting of the specimen face beyond the spray points
 - 50 Complete wetting of the entire specimen face beyond the spray points
 - 0 Complete wetting of the entire face of the specimen

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021



DETAILED RESULTS:

Water Resistance –Rain Test

Test Method: AATCC 35-2018; Rain Test-600mm head Pressure; 2-min impact

Specimen No.	27				Client's requirement
Items	Result				
	Specimen 1#	Specimen 2#	Specimen 3#	Average	
As received Weight of blotter gained (g)	0.0	0.0	0.0	0.0	Max 1.0g
Conclusion	PASS				-

Specimen No.	28				Client's requirement
Items	Result				
	Specimen 1#	Specimen 2#	Specimen 3#	Average	
As received Weight of blotter gained (g)	0.0	0.0	0.0	0.0	Max 1.0g
Conclusion	PASS				-



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	20W-000986(A2)	27	January 8, 2021
28	20W-000986(A2)	28	January 8, 2021



DETAILED RESULTS:

Client's Requirement, Capacity Test of Bags

Test Item	Test Method	Conclusion
Capacity test	1. Weigh 1 liter of standard plastic particles and record them as g. 2. Fill the bag with plastic particles using standard methods, then take out the plastic particles and weigh the plastic particles and record them as G. 3. Capacity=G/g	Information Only: Please refer below for detail result
 <p style="text-align: center;"> Side pack: 4.61L Main pack:33.69L Total:38.30L </p>		 <p style="text-align: center;"> Side pack: 4.43L Main pack:33.65L Total:38.08L </p>

Remark: Test results are transferred from test report no.20W-000986(A2) date:01/08/2021



DETAILED RESULTS:

Client's Requirement for Static Load Test

Test Item	Test Method	Requirement	Conclusion
Static Load test	1. Visual check the normal function of the sample under test as received. 2. Place the test load on the center of the seat with 50KG for 2 hours. 3. Observe and record any failure, structural breakage, deformation or any other unusual change from the original state of sample.	No failure, No structural breakage, No damage and deformation.	PASS

Remark: Test results are transferred from test report no.20W-000986(A2) date:01/08/2021



SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Blue coated blue textile	Main body (blue baggage bag style)
2	Black/white textile	Lining (blue baggage bag style)
3	Black mesh textile	Lining (blue baggage bag style)
4	Black textile	Elastic (blue baggage bag style)
5	Grey soft plastic	Lining (blue baggage bag style)
6	Black textile	Lining edge (blue baggage bag style)
7	Black textile	Zipper cloth (blue baggage bag style)
8	Silvery metal	Zipper teeth (blue baggage bag style)
9	Silvery metal	Zipper puller (blue baggage bag style)
10	Silvery metal	Zipper slider (blue baggage bag style)
11	Black textile	Handle (blue baggage bag style)
12	Black plastic	Square buckle (blue luggage bag style)
13	Silvery metal	D-ring (blue baggage bag style)
14	Dark grey plastic	Pipeline (blue baggage bag style)
15	Black plastic	Filler of lining base (blue baggage bag style)
16	Black textile	Shoulder girdle edge (blue baggage bag style)
17	Black mesh textile	Shoulder girdle (blue baggage bag style)
18	Grey foam	Filler of shoulder girdle (blue baggage bag style)
19	Black plastic	Main body of lobster clasp (blue baggage bag style)
20	Black plastic	Lobster clasp base (blue baggage bag style)
21	Silvery metal	Push rod of lobster clasp (blue baggage bag style)
22	Silvery metal	Frame of buckle (blue baggage bag style)
23	Silvery metal	Pin of buckle (blue baggage bag style)
24	Black coated black textile	Main body (black baggage bag style)
25	Nomad must haves	Finished product (Blue baggage bag style)
26	Nomad must haves	Finished product (Black baggage bag style)
27	Blue fabric	Raw material (Shell style)



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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
28	Black fabric	Raw material (Shell style)
29	Stripe fabric	Raw material (Lining style)
30	Mesh fabric	Raw material (Strap style)
31	Mesh fabric	Raw material (Strap style)



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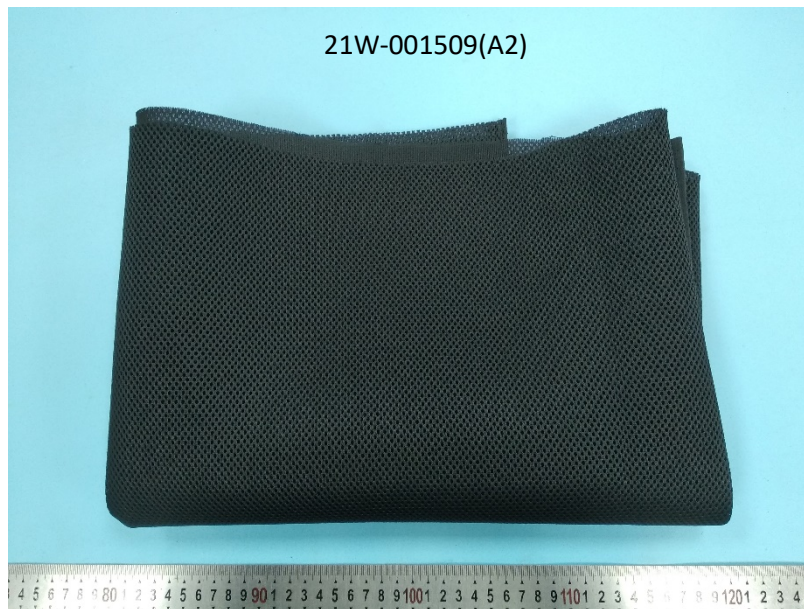
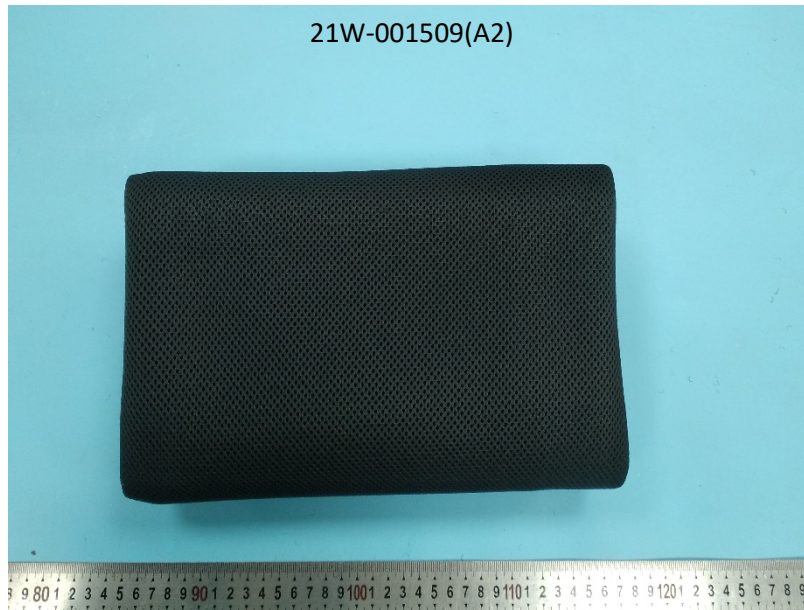
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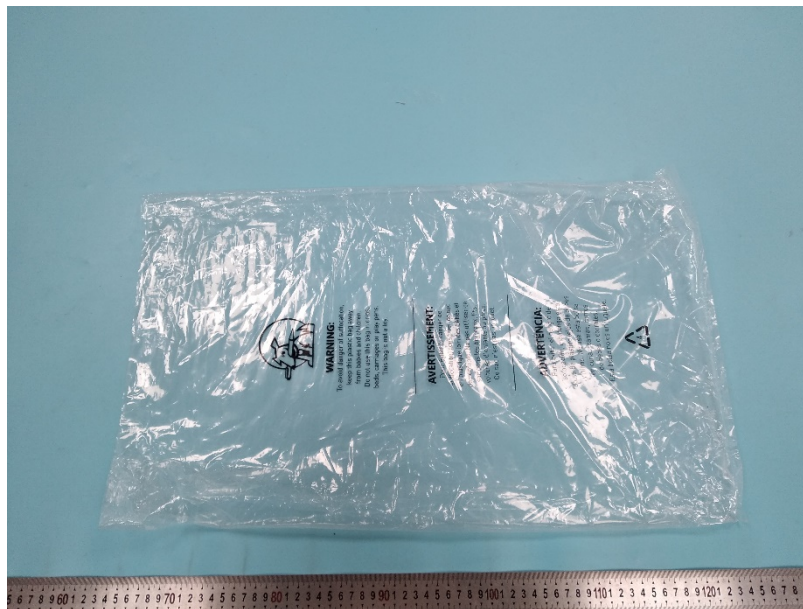
SAMPLE PHOTO:



SAMPLE PHOTO:



SAMPLE PHOTO:



-End Report-

