Test report

23W-014355

Verify Report

Overall result

PASS with information

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

Client information

Client: SPECTOR & CO.

Address: 5700 rue Kieran, Montréal, Quebec H4S 2B5 Canada

Sample information

Description: PU DUFFLE

Assortment: BLK

Item no./name: BG212

Item class: ASHBURY BAG

Country of origin: China

Country of distribution: Canada, United States

Quantity submitted: 4 pcs

Purchase order #: -

Factory/supplier: UST090

Labeled age grade: -

Tested age grade: -

General information

Sample receipt date: 13-Oct-2023

Testing period: 19-Oct-2023 to 31-Oct-2023

Report date: 03-Nov-2023

QIMA (Hangzhou) Testing Co., Ltd.

Eric Liu

Lab Operation Director

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

Chemical Laboratory Supervisor

Result summary

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

Test(s) conducted	Conclusion
California Proposition 65, Total Lead in Paints and Surface Coatings	PASS
California Proposition 65, Total Lead in Substrate Materials	PASS
Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead in Stickers, Films and Surface Coating Materials	PASS
Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content	PASS
California Proposition 65, Total Cadmium in Paints and Surface Coatings	PASS
California Proposition 65, Total Cadmium in Substrate Materials	PASS
Canadian Surface Coating Materials Regulations SOR/2016-193, Total Mercury in Paints and Surface Coatings	PASS
Client's requirement, Total Nickel content	Information only
Client's Requirement, Total Tungsten content	Information only
US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content (Total Fluorine Method)	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
California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)	PASS
Client's Requirement, Phthalates content	PASS
Color Fastness to Water	PASS
Color Fastness to Crocking	PASS
Color Fastness to Light	PASS
Dimensions	Information only
Article Weight	Information only
Defects	PASS
Fabric Weight Per Unit Area	Information only
Tensile Strength	PASS
Tearing Strength	PASS
Seam Strength	PASS
Bursting Strength	PASS
Abrasion Resistance	PASS
Pilling Resistance	PASS
Zipper Strength	PASS
Zipper Operability	PASS
SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile	PASS

Test(s) conducted	Conclusion
Fiber Content	Information only
19 CFR 134.11-Country of Origin-Labeling Review	PASS
Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin	PASS
Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling	PASS
Client's Requirement for Static Load Test	PASS
Client-Performance Requirements-Capacity Test of Bags	Information only

Detailed results

California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	---	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	**90**
Conclusion	PASS	---	---	---	---	

Note:
mg/kg =Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15mg/kg)

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

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	2	4	5	6	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	23	19	19	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7+9	8	10	11	12	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	19	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	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.

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	23W-014351	15	03-Nov-2023

Detailed results

Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead in Stickers, Films and Surface Coating Materials

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	---	---	---	---	**Total Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	**90**
Conclusion	PASS	---	---	---	---	

Note:
mg/kg=Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit =15 mg/kg)

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	2	3	4	5	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	23	ND	19	19	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7+9	8	10	11	**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	19	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	---	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	**90**
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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	23W-014351	15	03-Nov-2023

Detailed results

California Proposition 65, Total Cadmium in Paints and Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	---	---	---	---	**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)

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

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	2	4	5	6	**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.	7+9	8	10	11	12	**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	

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.	
12	23W-014351	15	03-Nov-2023

Detailed results

Canadian Surface Coating Materials Regulations SOR/2016-193, Total Mercury in Paints and Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	---	---	---	---	**Total Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Mercury (Hg)	ND	---	---	---	---	**10**
Conclusion	PASS	---	---	---	---	

Note:
mg/kg=Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 10 mg/kg)

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.	4+5	6+8	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Nickel (Ni)	ND	99	---	---	---	**NA**
Conclusion	Information only	Information only	---	---	---	

Note:
mg/kg = Milligrams per kilogram
ND = Not detected (report limit = 30 mg/kg)
NA = Not applicable
Composite results are based on specimen of least mass resulting in highest potential concentration.

Detailed results

Client's Requirement, Total Tungsten content

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

Specimen No.	4+5	6+8	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Tungsten (W)	ND	ND	---	---	---	**NA**
Conclusion	Information only	Information only	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15 mg/kg)
NA = Not applicable
Composite results are based on specimen of least mass resulting in highest potential concentration.

Detailed results

US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content (Total Fluorine Method)

Test Method: With reference to EN 14582:2016
Analytical Method: Ion Chromatograph

Specimen No.	1	2	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Per- and polyfluoroalkyl substances (PFAS) (as total fluorine)	ND	ND	---	---	**100**
Conclusion	PASS	PASS	---	---	

Note:
mg/kg (Milligrams per kilogram) = ppm (Parts per million)
LT = Less than
ND = Not Detected (Reporting Limit = 50 mg/kg)

Remarks:
The limit is referenced from California AB 652 (2021-2022) and California AB 1200 (2021-2022)

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	2	3	7+9	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.

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.		10	11	12	---	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	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	**1000**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	---	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	---	**1000**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	---	**1000**
Conclusion		PASS	PASS	PASS	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	23W-014351	15	03-Nov-2023

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	2	3	7+9	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 % w/w (Percent by weight)
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.

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.		10	11	12	---	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	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	**1000**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	**1000**
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	---	**1000**
Conclusion		PASS	PASS	PASS	---	

Note:
mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
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.	
12	23W-014351	15	03-Nov-2023

Detailed results

Client's Requirement, Phthalates content

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

Specimen No.		1	2	3	7+9	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 % w/w (Percent by weight)
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.

Detailed results

Client's Requirement, Phthalates content

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

Specimen No.		10	11	12	---	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	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	**1000**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	**1000**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	---	**1000**
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	---	**1000**
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	---	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	---	**1000**
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	---	**1000**
Conclusion		PASS	PASS	PASS	---	

Note:
mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
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.	
12	23W-014351	15	03-Nov-2023

Detailed results

Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	13	---	---	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	---	---	---	---	-
Staining on multi-fiber stripe						
-Acetate	4.0	---	---	---	---	Min. 3.5
-Cotton	4.5	---	---	---	---	Min. 3.5
-Nylon	4.0	---	---	---	---	Min. 3.5
-Polyester	4.5	---	---	---	---	Min. 3.5
-Acrylic	4.5	---	---	---	---	Min. 3.5
-Wool	4.0	---	---	---	---	Min. 3.5
Conclusion	PASS	---	---	---	---	-

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

Color Fastness to Crocking

Test Method: AATCC 8-2016

Specimen No.	13	---	---	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	---	---	---	---	Min. 4.0
Wet staining	4.0	---	---	---	---	Min. 2.5
Conclusion	PASS	---	---	---	---	-

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

Detailed results

Color Fastness to Light

Test Method: AATCC 16.3-2020; Option 3; Xenon Arc Lamp.

Specimen No.	13	---	---	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.5	---	---	---	---	Min. 4.0
Conclusion	PASS	---	---	---	---	-

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

Dimensions

Test Method: IHTM, Standard Measure

Specimen No.	13	---	---	---	---	Requirement
Items	Result (cm)	Result (cm)	Result (cm)	Result (cm)	Result (cm)	
Length	53.5	---	---	---	---	N/A
Width	23.5	---	---	---	---	N/A
Height	37.0	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	

Article Weight

Test Method: With reference to IHTM-TXHZ-010

Specimen No.	13		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	1496	Information only

Detailed results

Defects

Test Method: ASTM D3990 – 12(2020); Visual Examination

Specimen No.	13	Requirement
Item	Result	
Observation	No major defect	Satisfactory
Conclusion	PASS	-

Fabric Weight Per Unit Area

Test Method: ASTM D3776/D3776M-20, Option C

Specimen No.	14	15	16	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m^2)	489	864	93.1	---	---	N/A
(oz/yd^2)	14.4	25.5	2.75	---	---	N/A
Conclusion	Information only	Information only	Information only	---	---	-

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	16	Client's requirement (lbs)
Items	Result (lbf)	
Warp	95.1	Min. 25
Weft	63.8	Min. 25
Conclusion	PASS	-

Remark: All the warp specimens were jaw broken.

Detailed results

Tearing Strength

Test Method: ASTM D1424-21; Elmendorf

Specimen No.	16	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Warp yarns torn (lbf)	3.1	---	---	---	---	Min. 1.5
Weft yarns torn (lbf)	2.5	---	---	---	---	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.

Seam Strength

Test Method: With reference to ASTM D 1683/D1683M-22

Specimen No.	13		
Items	Client's requirement	Result	Conclusion
Bottom seam (lbf)	Min. 25	117.8 (F.R.)	PASS

Remarks: F.R.= Fabric Rupture

Detailed results

Bursting Strength

Test Method: ASTM D3786/D3786M-18; Hydraulic method, Test area: 7.3 cm^2.

Specimen No.	14		
Items	Client's requirement	Result	Conclusion
Bursting Strength (P.S.I.)	Min. 40	182	PASS

Specimen No.	15		
Items	Client's requirement	Result	Conclusion
Bursting Strength (P.S.I.)	Min. 40	>200*	PASS

Remark: *= Exceeds the limitation of tester due to the nature of the fabric.

Abrasion Resistance

Test Method: ASTM D4966-12(2016), Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	14	15	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
End point (rubs)	>7500	>7500	---	---	---	7500
Conclusion	PASS	PASS	---	---	---	-

Pilling Resistance

Test Method: ASTM D3512/D3512M-22; After 30 min. tumbling in Random tumble Pilling Tester

Specimen No.	14	15	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.5	4.5	---	---	---	Min. 3.5
Conclusion	PASS	PASS	---	---	---	-

Remarks: Pilling Rating

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

Detailed results

Zipper Strength

Test Method: ASTM D2061-07(2021); type: LM

Specimen No.	17	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	87.8(Elements separate)	Min. 80
Elements Pull-off Test (lbf)	29.3(Elements pull-off)	Min. 11
Elements Slippage Test (lbf)	20.9(Elements pull-off)	Min. 9
Resistance to Pull-Off Slider Pull (lbf)	48.0(Slider pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	 >7.8* >7.8*	Min.4
Conclusion	PASS	

Remark: *: The maximum capacity of the tester is 7.8 In. lbf

Zipper Strength

Test Method: ASTM D2061-07(2021); type: L

Specimen No.	18	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	86.2(Tape separate)	Min. 85
Resistance to Pull-Off Slider Pull (lbf)	37.8(Puller pull out)	Min.25
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	 2.9(Slider break) 2.6(Slider break)	Min.1.5
Conclusion	PASS	

Detailed results

Zipper Operability

Test Method: ASTM D2062-03(2021)

Specimen No.	17	
Items	Result	Client's requirement
Chain opening (lbf)	0.8	Max. 2
Chain closing (lbf)	0.6	Max. 2
Conclusion	PASS	

Specimen No.	18	
Items	Result	Client's requirement
Chain opening (lbf)	0.4	Max. 2
Chain closing (lbf)	0.4	Max. 2
Conclusion	PASS	

Detailed results

SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile

Test Method: CAN/CGSB-4.2 No.27.5-2023

Specimen No.	13-Shell				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to Commercial Dry Cleaning / CAN/CGSB-4.2 No.58-2019, Procedure 5, Dry Procedure D1; Moderate mechanical action at 50℃, Synthetic detergent, Tumble dry normal.

Burn Code Description:

DNI = Did not ignite;

Detailed results

SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile

Test Method: CAN/CGSB-4.2 No.27.5-2023

Specimen No.	13-Lining				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	-	IBE	-	IBE	>3.5s
(2)	-	IBE	-	IBE	
(3)	-	IBE	-	IBE	
(4)	-	IBE	-	IBE	
(5)	-	IBE	-	IBE	
(6)	-	IBE	-	IBE	
(7)	-	IBE	-	IBE	
(8)	-	IBE	-	IBE	
(9)	-	IBE	-	IBE	
(10)	-	IBE	-	IBE	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to Commercial Dry Cleaning / CAN/CGSB-4.2 No.58-2019, Procedure 5, Dry Procedure D1; Moderate mechanical action at 50℃, Synthetic detergent, Tumble dry normal.

Burn Code Description:

IBE = Ignited but extinguished;

Detailed results

Fiber Content

Test Method: AATCC TM20-2021

Specimen No.	13-Shell base		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Specimen No.	13-Lining		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Detailed results

19 CFR 134.11-Country of Origin-Labeling Review

Test Parameters	Observation	Conclusion
Country of Origin	Present on product and is visible to the consumer at the point of sale.	PASS

Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin

Section	Requirement	Conclusion
2	Country of Origin Markings	PASS

Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling

Clause	Test	Conclusion
c.C-11	French Labeling	PASS

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. Hanging the bag in a proper place. 3. Place the test load on the bag with 50lb for 2 hours. 4.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	PASS

Client-Performance Requirements-Capacity Test of Bags

Test Item	Test Method	Conclusion
Capacity test	1.Weigh 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

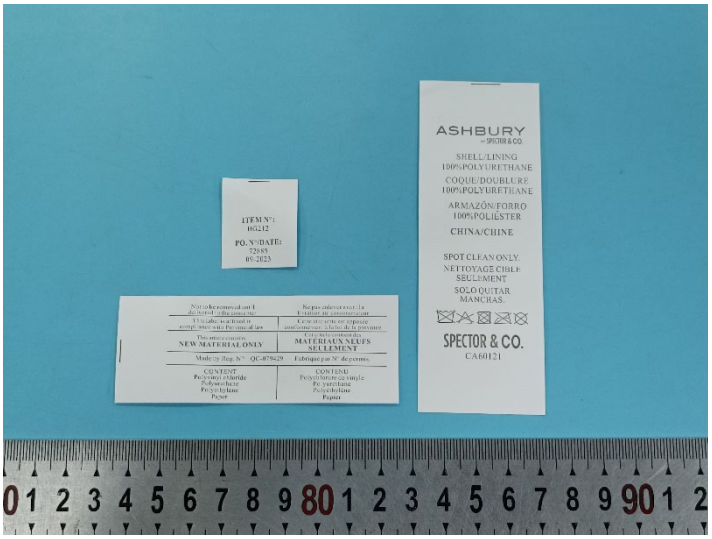
Main pocket: 33.9L

Specimen description

Specimen #	Specimen description	Location
1	Black synthetic leather	Handle
2	Black synthetic leather	Main body
3	Black coating	Edge oil
4	Silvery metal	Main zipper puller
5	Silvery metal	Main zipper teeth
6	Silvery metal	Inner zipper puller
7	Black soft plastic	Inner zipper teeth
8	Silvery metal	D-ring
9	Black soft plastic	Zipper teeth of side pocket
10	White foam	Filler of main body
11	White sponge	Inner filler
12	Black coated white label	Component label
13	Black bag	Finished product
14	Black textured synthetic leather	Raw material
15	Black synthetic leather	Raw material
16	Black lining fabric	Raw material
17	Black main zipper	Raw material
18	Black lining zipper	Raw material

Pictures

Sample photo:



End of the report