

TEST REPORT

Test Report # 19W-005687-S4 Date of Report Issue: December 6, 2019
Date of Sample Received: April 26, 2019 Pages: Page 1 of 52

96CLIENT INFORMATION:

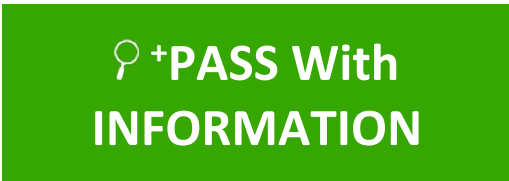
Company: Spector & Co.
Address: -



SAMPLE INFORMATION:

Description: ROLL TOP BACKPACK - BASIC
Assortment: BACKPACK
Model/style No.: BG115
PO No.: -
SKU No.: -
Item No./Item Name: NOMADE MUST HAVE
Factory/Supplier: USB059
Country of Origin: China
Country of Distribution: Canada,United States
Testing Period: 04/30/2019-05/30/2019,07/04/2019-07/30/2019,08/07/2019-08/13/2019
09/11/2019-09/19/2019

OVERALL RESULT:



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

QIMA (HANGZHOU) TESTING CO., LTD.

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August Yuan
Operation Manager

Kevin Lee
Technical Manager



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

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

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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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 Paints and Surface Coatings
PASS	*California Proposition 65, Total Lead in Substrate Materials
PASS	*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 Paints and Surface Coatings
PASS	*California Proposition 65, Total Cadmium in Substrate Materials
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	*Zipper Strength
PASS	*Zipper Operability
PASS	*Seam Strength
PASS	*Client’s Requirement for Static Load Test
PASS	*19 CFR 134.11, Country of Origin
PASS	*Uniform Packaging and Labeling Regulation
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	*Consumer Packaging and Labeling Act (R.S., 1985, c. C-38)
PASS	*Color Fastness to Crocking
PASS	*Color Fastness to Water
PASS	*Color Fastness to Light
Information only	*Dimensions
Information only	*The capacity in liters for bag
Information only	*Article Weight



TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	*Defects
PASS	*Workmanship
PASS	*SOR/2016-194 and Method F01 Flammability of Textile Products
Information only	*Fabric Weight Per Unit Area
PASS	*Tensile Strength
PASS	*Tearing Strength
Information only	*Abrasion Resistance
PASS	*Pilling Resistance
PASS	*Water Repellency-Spray Test
PASS	*Water Resistance –Rain Test
Information only	*Fiber Content

Remark:

- 1) As per client's request, resubmit specimen no.31 for Abrasion Resistance retest.
- 2) *Revised information and supersedes the previous report no. 19W-005687-S3 date: 08/28/2019



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.	11	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	21	---	---	---	90
Conclusion	PASS	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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
23	19W-009028-S2	20	December 6, 2019



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+5+6	2+3	4+7+8	9	10+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	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13	14	15+16	17	20	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	29	25	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	24	25	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	15	36	28	ND	---	100
Conclusion	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.	
20	19W-009028-S2	17	December 6, 2019
21	19W-009028-S2	18	December 6, 2019
22	19W-009028-S2	19	December 6, 2019
24	19W-009028-S2	21	December 6, 2019
25	19W-009028-S2	22	December 6, 2019



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DETAILED RESULTS:

***Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and 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.	11	23	---	---	---	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	21	---	---	---	90
Total Mercury (Hg)	ND	ND	---	---	---	10
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg=Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit: Pb=15 mg/kg; Hg = 10 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
23	19W-009028-S2	20	December 6, 2019



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+5+6	2+3	4+7+8	9	10+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	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13	14	15+16	17	22	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	29	25	ND	ND	36	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	24	25	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	28	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.	
22	19W-009028-S2	19	December 6, 2019
24	19W-009028-S2	21	December 6, 2019
25	19W-009028-S2	22	December 6, 2019



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.	11	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	ND	---	---	---	75
Conclusion	PASS	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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
23	19W-009028-S2	20	December 6, 2019



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+5+6	2+3	4+7+8	9	10+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	

Specimen No.	13	14	15+16	17	20	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.	21	22	24	25	---	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	---	75
Conclusion	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
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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+5+6	2+3	4+7+8	10+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	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.



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.		11	15+16	17	23	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.	
23	19W-009028-S2	20	December 6, 2019



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.	25	---	---	---	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.	
25	19W-009028-S2	22	December 6, 2019



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(Modified), In-House Method

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+5+6	2+3	4+7+8	10+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	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(Modified), In-House Method
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11	15+16	17	23	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.	
23	19W-009028-S2	20	December 6, 2019



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(Modified), In-House Method

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	25	---	---	---		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)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	19W-009028-S2	22	December 6, 2019



DETAILED RESULTS:

Client's Requirement, Phthalates content

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

Specimen No.		1+5+6	2+3	4+7+8	10+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	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.



DETAILED RESULTS:

***Client's Requirement, Phthalates content**

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

Specimen No.		11	15+16	17	23	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.	
23	19W-009028-S2	20	December 6, 2019



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.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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DETAILED RESULTS:

***Client's Requirement, Phthalates content**

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

Specimen No.		25	---	---	---	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 (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.	
25	19W-009028-S2	22	December 6, 2019



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

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

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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DETAILED RESULTS:

***Zipper Strength**

Test Method: ASTM D2061-07(R2013); type: LM

Specimen No.	18	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	215.7(Tape break)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	37.0(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (lb. inch) Counter-Clockwise (lb. inch)	4.9 5.3	Min.4
Conclusion	PASS	

***Zipper Operability**

Test Method: ASTM D2062-03(R2014)

Specimen No.	18	
Items	Result	Client's requirement
Chain opening (lbf)	0.5	Max. 2
Chain closing (lbf)	0.9	Max. 2
Conclusion	PASS	

Remark: It is noted that a specific sampling plan is laid down per ASTM D2061-07(R2013) & ASTM D2062-03(R2014). The above results for Zipper Strength & Zipper Operability are drawn on the 13 of tested specimens, based on the request from the applicant.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
18	19W-009028-S2	2	December 6, 2019



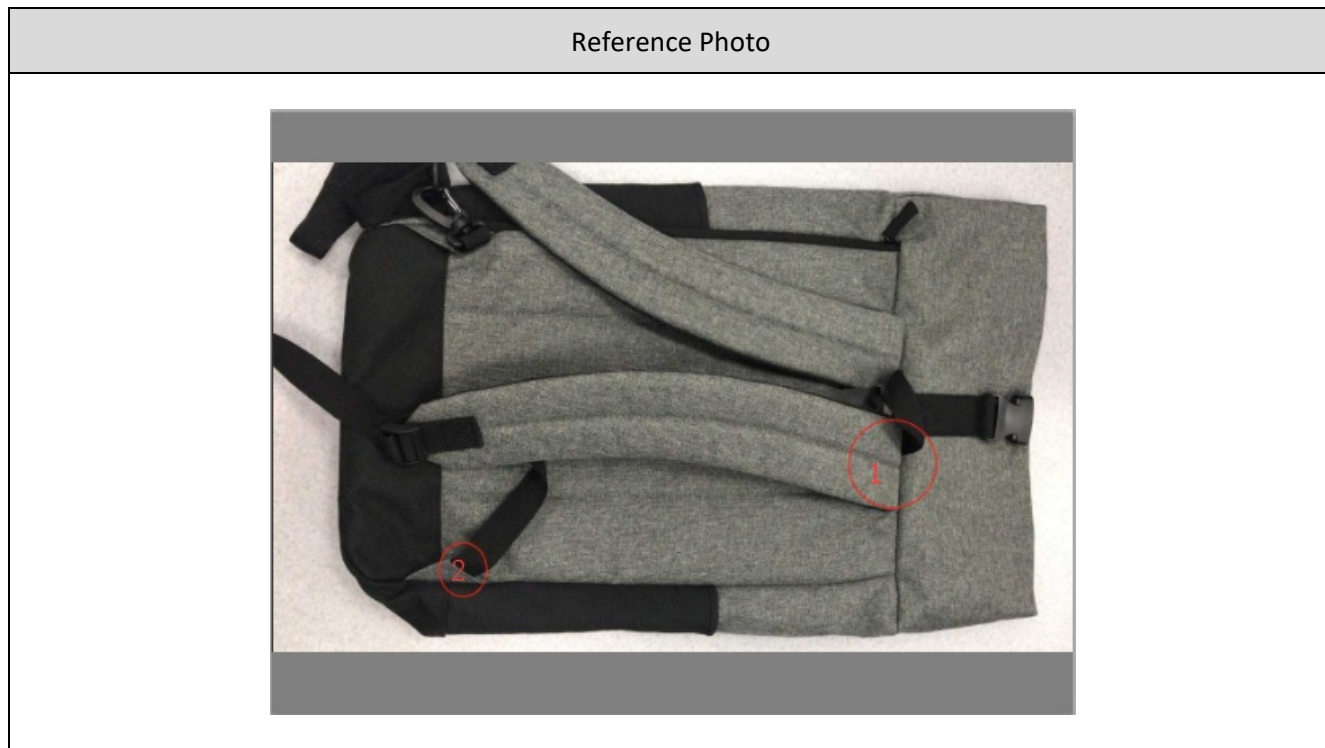
DETAILED RESULTS:

***Seam Strength**

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

Specimen No.	19		
Items	Client's requirement	Result	Conclusion
Seam1 (lbf)	Min. 25	161.4(S.T.B.)	PASS
Seam2 (lbf)	Min. 25	94.9(S.T.B.)	

Remarks: S.T.B. = Sewing Thread Breaks.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***Seam Strength**

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

Specimen No.	19	Client's requirement (lbf)
Items	Result (lbf)	
Side seam	64.8(S.T.B.)	Min. 25
Bottom seam- Length	70.6(S.T.B.)	Min. 25
Conclusion	PASS	-

Remarks: S.T.B. = Sewing Thread Breaks.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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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 bags with 50lbs 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. 19W-009028-S2 date: December 6, 2019



DETAILED RESULTS:

***19 CFR 134.11, Country of Origin**

Specimen No.	19	---	---	---	---
Test	Observation	Observation	Observation	Observation	Observation
Country of Origin	Present on label	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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19	19W-009028-S2	7	December 6, 2019

***Uniform Packaging and Labeling Regulation**

Specimen No.	19	
Test	Observation	Conclusion
Declaration of Identity	The packaging contains the declaration of identity	PASS
Declaration of Responsibility	The packaging contains the declaration of responsibility	PASS

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

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

Specimen No.	19	---	---	---	---
Section	Requirement	Requirement	Requirement	Requirement	Requirement
2	Present on label	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019

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

Specimen No.	19	---	---	---	---
Clause	Test	Test	Test	Test	Test
c.C-11	French Labeling	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***Consumer Packaging and Labeling Act (R.S., 1985, c. C-38)**

Specimen No.	19	---	---	---	---
Section	Requirement	Requirement	Requirement	Requirement	Requirement
10	Place of Manufacture	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
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***Color Fastness to Crocking**

Test Method: AATCC 8-2016

Specimen No.	19-Black shell fabric	19-Grey shell fabric	19-Stripe lining	19- Strap	19-back mesh	7-Strap
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.0	4.5	4.5	4.5	4.5	Min. 4.0
Wet staining	4.0	4.5	4.5	4.5	4.5	Min. 2.5
Conclusion	PASS	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.	
19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***Color Fastness to Water**

Test Method: AATCC 107-2013

Specimen No.	19-Grey shell fabric	19-Stripe lining fabric	19- Black shell fabric	19-back mesh	19-Strap	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	4.5	4.5	Min. 4.0
Staining on multi-fiber stripe						
-Acetate	4.5	4.0	4.5	4.5	4.5	Min. 3.5
-Cotton	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Nylon	4.5	4.0	4.5	4.5	4.5	Min. 3.5
-Polyester	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Acrylic	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Wool	4.5	4.5	4.5	4.5	4.5	Min. 3.5
Conclusion	PASS	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.	
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DETAILED RESULTS:

***Color Fastness to Light**

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

Specimen No.	19-Black shell fabric	19-Grey shell fabric	19-strap	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.5	4.5	4.5	---	---	Min. 4.0
Conclusion	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.	
19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***Dimensions**

Test Method: IHTM, Standard Measure;

Specimen No.	19	---	---	---	---	Client's requirement
Items	Result (inch)	Result (inch)	Result (inch)	Result (inch)	Result (inch)	
Length	11 ⁴ / ₈	---	---	---	---	N/A
Width	4 ⁶ / ₈	---	---	---	---	
Height	18	---	---	---	---	
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***The capacity in liters for bag**

Test Method: IHTM, Standard Measure;

Specimen No.	19	---	---	---	---	Client's requirement
Items	Result (liter)	Result (liter)	Result (liter)	Result (liter)	Result (liter)	
Capacity	14.7	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019

***Article Weight**

Test Method: IHTM 010

Specimen No.	19	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/piece)	630	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***Defects**

Test Method: ASTM D3990 - 12(2016); Visual Examination

Specimen No.	19	---	---	---	---	Requirement
Item	Result	Result	Result	Result	Result	
Observation	No major defect	---	---	---	---	Visual examination to verify noticeable defects (such as missing components, obvious knitting /weaving defects, improper functioning component).
Conclusion	PASS	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***Workmanship**

Test Method: IHTM; Visual Examination

Specimen No.	19	---	Requirement	
Item	Result			
Observation	No major poor workmanship	---	---	Visual examination to verify noticeable poor Workmanship (such as: Poor sewing: Broken seam Missing stitches or Skipped / Uneven /wave stitches or stitched holes on visible area. Insecure back stitches / Uneven stitch tension / Needle chewing Misaligned seam. Poor riveting metal eyelet or other metal parts Dirty / Glue/ Scratch / Wrinkle / Pen Mark / Oil Stain / Water Stain The inside hiding thread expose. Poor electro-plating or spraying on handle metal plate Obvious Scratched mark on extendable handle or metal plate Fabric , webbing band or strap getting discoloration
Conclusion	PASS	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	26				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>	Face Length	
Items	Result				
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	>3.5s
(1)	-	DNI	-	DNI	
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
(6)	-	DNI	-	DNI	
(7)	-	DNI	-	DNI	
(8)	-	DNI	-	DNI	
(9)	-	DNI	-	DNI	
(10)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	27				Client's requirement
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>	Face Length	
Items	Result				
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
(6)	-	DNI	-	DNI	
(7)	-	DNI	-	DNI	
(8)	-	DNI	-	DNI	
(9)	-	DNI	-	DNI	
(10)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	19W-009028-S2	28	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	28				Client's requirement	
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>			Face Length
Items	Result					
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>			
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>		
(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 CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Burn Code Description:

IBE = Ignited but extinguished;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
28	19W-009028-S2	29	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	30				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		Face Length
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	18.3	-	18.2	-	>3.5s
(2)	19.2	-	18.4	-	
(3)	19.0	-	17.8	-	
(4)	18.7	-	18.9	-	
(5)	18.0	-	18.3	-	
(Avg.)	18.6	-	18.3	-	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
30	19W-009028-S2	31	December 6, 2019



DETAILED RESULTS:

***Fabric Weight Per Unit Area**

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

Specimen No.	26	27	30	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m ²)	446	554	76.6	---	---	N/A
(oz/yd ²)	13.2	16.3	2.26	---	---	N/A
Conclusion	Information only	Information only	Information only	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019
30	19W-009028-S2	31	December 6, 2019

***Tensile Strength**

Test Method: ASTM D5034-09(R2017); Instron CRE – 1” Grab

Specimen No.	26	27	30	---	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp	241.0	456.8	139.0	---	---	Min. 25
Weft	198.8	287.3	113.4	---	---	Min. 25
Conclusion	PASS	PASS	PASS	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019
30	19W-009028-S2	31	December 6, 2019



DETAILED RESULTS:

***Tearing Strength**

Test Method: ASTM D1424-09(R2013) Elmendorf

Specimen No.	26	27	30	---	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp yarns torn	10.3	>14.1*	4.7	---	---	Min. 1.5
Weft yarns torn	10.4	>14.1*	4.1	---	---	Min. 1.5
Conclusion	PASS	PASS	PASS	---	---	-

Note:

- (1) Warp test – test in which the warp yarns are torn.
Weft test – test in which the weft yarns are torn.
- (2) The maximum capacity of the tester is 14.1lbf

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019
30	19W-009028-S2	31	December 6, 2019



DETAILED RESULTS:

***Abrasion Resistance**

Test Method: ASTM D4966-12^{E1}, Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	26	27	---	---	---	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	
End point	>10000	>10000	---	---	---	10000
Conclusion	PASS	PASS	---	---	---	-

Specimen No.	31*	---	---	---	---	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	
End point	9300	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Remark: *: just mention that the Abrasion Resistance- back mesh was done on 9300rubs

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019
31	19W-009028-S2	33	December 6, 2019



DETAILED RESULTS:

***Pilling Resistance**

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

Specimen No.	26	27	28	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.5	4.5	4.5	---	---	> 3.5
Conclusion	PASS	PASS	PASS	---	---	-

Remarks: Pilling Rating

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

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019
28	19W-009028-S2	29	December 6, 2019



DETAILED RESULTS:

***Water Repellency-Spray Test**

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

Specimen No.	26			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	90	90	90	Min. 90
Conclusion	PASS			-

Specimen No.	27			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

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019



DETAILED RESULTS:

***Water Resistance –Rain Test**

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

Specimen No.	26				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.	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.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	27	December 6, 2019
27	19W-009028-S2	28	December 6, 2019



DETAILED RESULTS:

***Fiber Content**

Test Method: AATCC 20-2013

Specimen No.	19-Grey shell fabric*		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Remark: *: Exclusive of Coating

Test Method: AATCC 20-2013

Specimen No.	19-Black shell fabric*		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Remark: *: Exclusive of Coating

***Fiber Content**

Test Method: AATCC 20-2013

Specimen No.	19-Stripe lining fabric	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Polyester (%)	100	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	19W-009028-S2	7	December 6, 2019



***SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black coated deep grey textile	Main body
2	Beige foam	Filler of bag mouth
3	Deep grey foam	Filler of shoulder strap
4	Black plastic	Adjustable buckle
5	Black coated black textile	Base
6	Black coated black textile	Filler of base
7	Black plastic	Main body of lobster clasp
8	Black plastic	Base of lobster clasp
9	Silvery metal	Pushing hand of lobster clasp
10	Black plastic	D-ring
11	Black coating	Zipper head
12	Black plastic	Zipper teeth
13	Silvery metal	Zipper slider
14	Silvery metal	Zipper puller
15	Black plastic	Groove of release buckle
16	Black plastic	Plug of release buckle
17	Black soft plastic	Side elastic
18	D ring black nylon zipper	Raw material
19	Backpack bag	Finished product
20	Black textile	Zipper cloth(d shape style)
21	Black textile	Zipper puller(d shape style)
22	Silvery metal	Zipper puller(d shape style)
23	Black coating	Zipper head(d shape style)
24	Silvery metal	Zipper slider(d shape style)
25	Black plastic	Zipper teeth(d shape style)
26	Grey fabric	Raw material for shell main fabric
27	Black fabric	Raw material for shell fabric



***SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
28	Black mesh fabric	Raw material for back mesh
29	Black mesh fabric	Raw material for inner mesh
30	Stripe print fabric	Raw material for Lining
31 ⁺	Black mesh fabric	Raw material for back mesh



SAMPLE PHOTO:



SAMPLE PHOTO:



SAMPLE PHOTO:



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

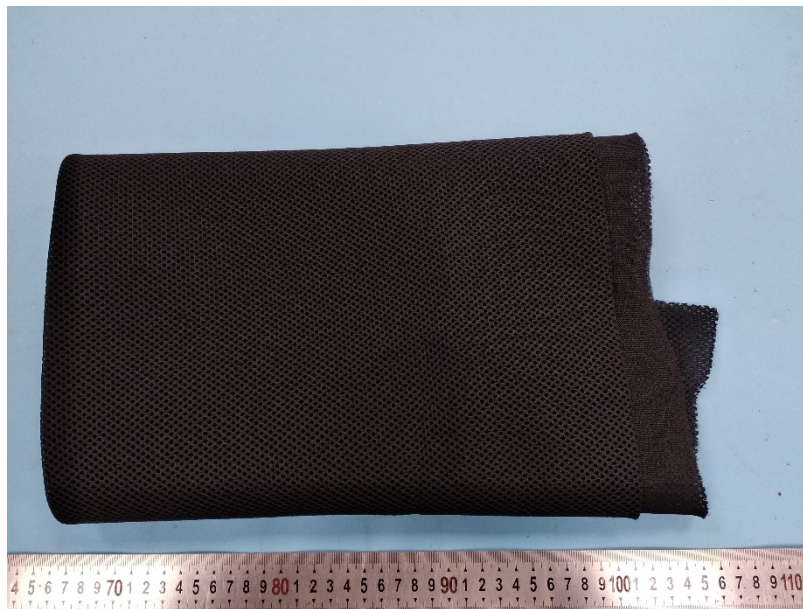
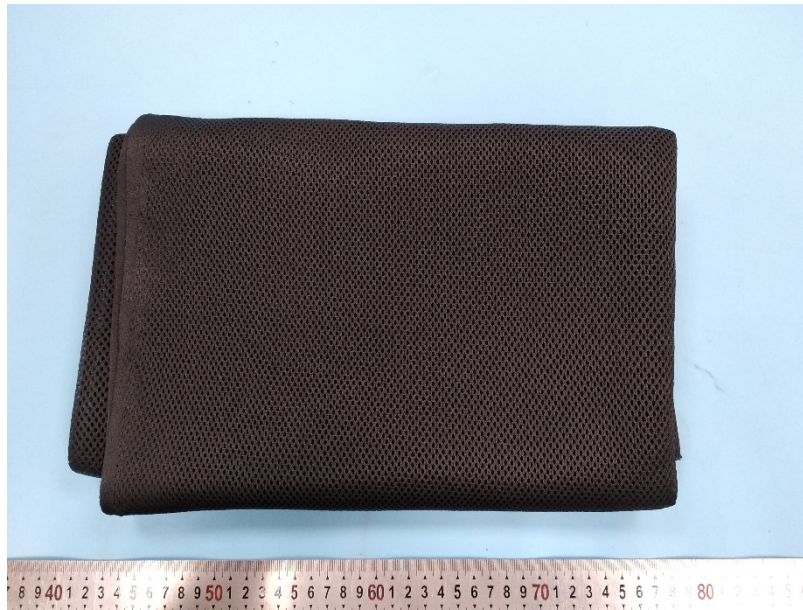
♦ Email: Labtesting@qima.com ♦ Tel: (86) 571 8999 7158.

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

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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***SAMPLE PHOTO:**



-End Report-

