

Verification code: 250910

Applicant : [REDACTED], China

Sample Receiving Date : 2023-03-20

Testing Period : 2023-03-20 to 2023-03-23

Sample Description :

- 300D graphite polyester(gray, navy)
- 600D polyester with PVC backing(black)
- 210D polyester(black)
- Zipper puller(Electric white)
- Zipper
- Buckle(black)
- Webbing(black/Gray)
- Elastic band
- Mesh(black)

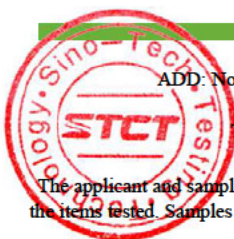
Sample source : Customer delivery

Submitted Sample:

S01 300D graphite polyester(gray)



S02 300D graphite polyester(navy)



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S03600D polyester with PVC backing(black)



S04210D polyester(black)



S05Zipper puller(Electric white)



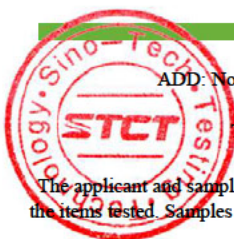
S06Black textile(Zipper)



S07Black plastic polymer(Zipper)



S08Buckle(black)



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S09 Webbing(black,large)



S10 Webbing(black)



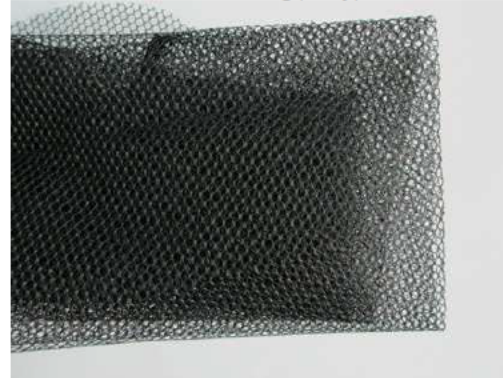
S11 Webbing(black,small)



S12 Webbing(Gray)

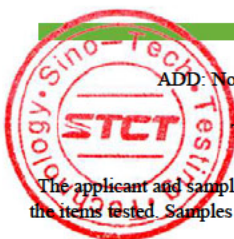


S13 Elastic band



S14 Mesh(black)

Tests Conducted: As requested by the applicant, for details refer to the following pages.



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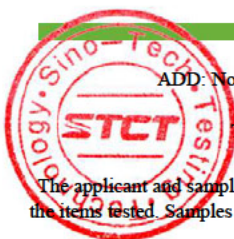
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Summary of Test Result

Test Parameter	Composite/Individual Test Item(s)	Result(See Note 1)
Total lead(Pb) content in non-surface coating materials(Substrate)	S01+S02 S03+S04 S05 S06+S07+S08 S09+S10+S11 S12+S13+S14	Pass
Flammability	S01 S02 S03 S04	Pass
Phthalates	S01+S02 S03+S04 S06+S07+S08 S09+S10+S11 S12+S13+S14	Pass

- Note 1 : (1) "Pass": The test result is compliant with the client's specification.
(2) "Fail": The test result is not compliant with the client's specification.
(3) Measurement uncertainty is not taken into account in the test results and compliance assessment of this report.
(4) "Separate test": The result of composite tests indicates that individual tests are necessary for assessment of compliance with the permissible limit.
(5) "—": NO specified requirement.

Authorized By:

Daniel Lv
Technical Director

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Testing Item(s) List

Test Item NO.	Sample Description
S01	300D graphite polyester(gray)
S02	300D graphite polyester(navy)
S03	600D polyester with PVC backing(black)
S04	210D polyester(black)
S05	Zipper puller(Electric white)
S06	Black textile(Zipper)
S07	Black plastic polymer(Zipper)
S08	Buckle(black)
S09	Webbing(black,large)
S10	Webbing(black)
S11	Webbing(black,small)
S12	Webbing(Gray)
S13	Elastic band
S14	Mesh(black)

Tests Conducted (As Requested By the Applicant)**1. Total lead(Pb) content in non-surface coating materials(Substrate)**

Test Method : U.S.A. Consumer Product Safety Improvement Act of 2008
(H.R.4040), CPSC-CH-E1002-08.3and/or CPSC-CH-E1001-08.3,
determination by ICP-OES(MDL=10 mg/kg).

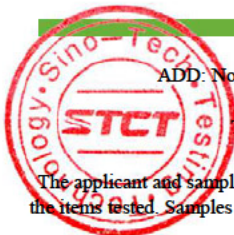
Client's Specification : <90 mg/kg

Composite/Individual Test Item(s)	Result(mg/kg)	Conclusion
S01+S02	N	Pass
S03+S04	N	Pass
S05	38	Pass
S06+S07+S08	N	Pass
S09+S10+S11	N	Pass
S12+S13+S14	N	Pass

Note:

(1) mg/kg=ppm=0.0001%(w/w); 0.1%(w/w)=1000 mg/kg

(2) MDL=Method Detection Limit; N=Not Detected(<MDL)



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2. Flammability

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

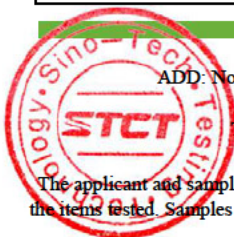
Composite/Individual Test Item(s)	Client's Specification	Result	Conclusion
S01[300D graphite polyester(gray)]	Time of flame spread:> 3.5 seconds (without raised fabric) > 4.0 seconds (with raised fabric) or No ignition	Time of flame spread:0 seconds (no ignite) (without raised fabric)	Pass
S02[300D graphite polyester(navy)]	Time of flame spread:> 3.5 seconds (without raised fabric) > 4.0 seconds (with raised fabric) or No ignition	Time of flame spread:0 seconds (no ignite) (without raised fabric)	Pass
S03[600D polyester with PVC backing(black)]	Time of flame spread:> 3.5 seconds (without raised fabric) > 4.0 seconds (with raised fabric) or No ignition	Time of flame spread:0 seconds (no ignite) (without raised fabric)	Pass
S04[210D polyester(black)]	Time of flame spread:> 3.5 seconds (without raised fabric) > 4.0 seconds (with raised fabric) or No ignition	Time of flame spread: 9.0 seconds (without raised fabric)	Pass

3. Phthalates

Test Method : With reference to CPSC-CH-C1001-09.4, solvent extraction with THF and determination by GC-MS.

Client's Specification : 10 phthalates, per phthalate<1000 mg/kg

Test Parameter	Cas No.	MDL (mg/kg)	Result(mg/kg)			
			S01+ S02	S03+ S04	S06+ S07+ S08	S09+ S10+ S11
Di-n-butylphthalate(DBP)	84-74-2	50	N	N	N	N
Benzylbutylphthalate(BBP)	85-68-7	50	N	N	N	N
Diethylhexylphthalate(DEHP)	117-81-7	50	N	N	N	N
Di-n-octylphthalate(DNOP)	117-84-0	50	N	N	N	N



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Test Parameter	Cas No.	MDL (mg/kg)	Result(mg/kg)			
			S01+ S02	S03+ S04	S06+ S07+ S08	S09+ S10+ S11
Diisononylphthalate(DINP)	28553-12-0/ 68515-48-0	50	N	N	N	N
Diisodecylphthalate(DIDP)	26761-40-0/ 68515-49-1	50	N	N	N	N
Diisobutylphthalate(DIBP)	84-69-5	50	N	N	N	N
Di-n-hexylphthalate(DnHP/DHEX P/DHP)	84-75-3	50	N	N	N	N
Dipentylphthalate(DPP/DPENP)	131-18-0	50	N	N	N	N
Dicyclohexylphthalate(DCHP)	84-61-7	50	N	N	N	N
Conclusion			Pass	Pass	Pass	Pass

Test Parameter	Cas No.	MDL (mg/kg)	Result(mg/kg)
			S12+S13+S14
Di-n-butylphthalate(DBP)	84-74-2	50	N
Benzylbutylphthalate(BBP)	85-68-7	50	N
Diethylhexylphthalate(DEHP)	117-81-7	50	N
Di-n-octylphthalate(DNOP)	117-84-0	50	N
Diisononylphthalate(DINP)	28553-12-0/ 68515-48-0	50	N
Diisodecylphthalate(DIDP)	26761-40-0/ 68515-49-1	50	N
Diisobutylphthalate(DIBP)	84-69-5	50	N
Di-n-hexylphthalate(DnHP/DHEX P/DHP)	84-75-3	50	N
Dipentylphthalate(DPP/DPENP)	131-18-0	50	N
Dicyclohexylphthalate(DCHP)	84-61-7	50	N
Conclusion			Pass

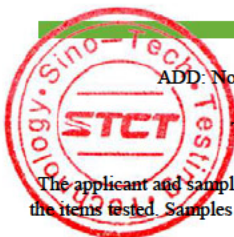
Note:

(1) mg/kg=ppm=0.0001%(w/w); 0.1%(w/w)=1000 mg/kg

(2) MDL=Method Detection Limit; N=Not Detected(<MDL)

(3) Only substances more than MDL are involved in the calculation of the sum.

*****END OF REPORT*****



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