

REPORT NO.: STCT2505093 2025-11-04 DATE:

PAGE: 1 OF 6

Verification code: 563714

Applicant

China

Sample Receiving Date 2025-10-31

2025-10-31 to 2025-11-04 **Testing Period**

Sample Description 600D graphite polyester with PVC backing(black, navy)

Buckle

Zipper puller

Sample source Customer delivery

Submitted Sample:



S01 600D graphite polyester with PVC



S03 Buckle



S02 600D graphite polyester with PVC backing(navy)



S04 Zipper puller (grey)

amen Sino-Tech Testing Technology Co., Ltd. 厦门中迅德检测技术有限公司 ADD: 6/F, No.886 nong Long 2nd Road, Torch Hi-Tech District, Xiang'an Industrial District, Xiamen P.C.: 361100 厦门火炬高新区(翔安)产业区同龙二路886号6楼

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REPORT NO.: STCT2505093 DATE: 2025-11-04

PAGE: 2 OF 6



S05 Grey coating(grey zipper puller)



S06 Zipper puller (black)



S07 Black coating(black zipper puller)

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

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REPORT NO.: STCT2505093 DATE: 2025-11-04

PAGE: 3 OF 6

Summary of Test Results

Test Parameter	Composite/Individual Test Item(s)	Test Results	
Total lead(Pb) content in non-surface coating materials(Substrate)			
Total Lead(Pb) content in paints and surface coatings	S05 S07	Pass	
Phthalates	S01+S02+S03 S05 S07	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) "Separate test": The result of composite tests indicates that individual tests are necessary for assessment of compliance with the permissible limit.
- (4) "—": No specified permissible limit.
- (5) "N/A": Not applicable, no testing required or the sample does not meet the test conditions.
- (6) Measurement uncertainty is not taken into account in the test results and compliance assessment of this report.

Authorized By: Daniel Lv Technical Director

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REPORT NO.: STCT2505093 DATE: 2025-11-04

PAGE: 4 OF 6

Testing Item(s) List

Test Item NO.	Sample Description		
S01	600D graphite polyester with PVC backing(black)		
S02	600D graphite polyester with PVC backing(navy)		
S03	Buckle		
S04	Zipper puller (grey)		
S05	Grey coating(grey zipper puller)		
S06	Zipper puller (black)		
S07	Black coating(black zipper puller)		

Tests Conducted (As Requested By the Applicant)

1. Total lead(Pb) content in non-surface coating materials(Substrate)

U.S.A. Consumer Product Safety Improvement Act of 2008

Test Method : (H.R.4040), CPSC-CH-E1002-08.3 and/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+S03	N	Pass
S04	26	Pass
S06	27	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)

2. Total Lead(Pb) content in paints and surface coatings

U.S.A. Consumer Product Safety Improvement Act of 2008

Test Method : (H.R.4040), CPSC-CH-E1003-09.1, determination by

ICP-OES(MDL=10 mg/kg).

Client's Specification : <90 mg/kg

Composite/Individual Test Item(s)	Result(mg/kg)	Conclusion		
S05	N	Pass		
S07	N	Pass		

Note:

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

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REPORT NO.: STCT2505093

DATE: 2025-11-04

PAGE: 5 OF 6

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

3. Phthalates

Test Method : ISO 16181-1:2021, solvent extraction and determination by GC/MS.

Client's Specification : Sum of 17 phthalates<1000 mg/kg

Test Parameter	Cas No.	MDL (mg/kg)	Result(mg/kg)		
			S01+S02 +S03	S05	S07
Di-n-butylphthalate(DBP)	84-74-2	50	N	N	N
Benzylbutylphthalate(BBP)	85-68-7	50	N	N	N
Diethylhexylphthalate(DEHP)	117-81-7	50	N	N	N
Di-n-hexylphthalate(DnHP/DHEX P/DHP)	84-75-3	50	N	N	N
Diisobutylphthalate(DIBP)	84-69-5	50	N	N	N
1,2-Benzenedicarboxylic acid,di-C6-8-branched alkyl esters,C7-rich(DIHP)	71888-89-6	50	N	N	N
1,2-Benzenedicarboxylic acid,di-C7-11-branched and linear alkyl esters(DHNUP)	68515-42-4	50	N	N	N
Di-(2-methoxyethyl)-phthalate(DM EP/BMEP)	117-82-8	50	N	N	N
Dipentylphthalate(DPP/DPENP)	131-18-0	50	N	N	N
Diisopentylphthalate (DIPP)	605-50-5	50	N	N	N
Dicyclohexylphthalate(DCHP)	84-61-7	50	N	N	N
Di-isooctylphthalate(DIOP)	27554-26-3	50	N	N	N
1,2-Benzenedicarboxylic acid,dipentylester branched and linear(iPnPP)	84777-06-0	50	N	N	N
1,2-Benzenedicarboxylic acid,dihexyl ester,branched and linear (DIHP)	68515-50-4	50	N	N	N
n-Pentyl-isopentyl phthalate(PIPP)	776297-69-9	50	N	N	N
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	50	N	N	N
Diisohexyl phthalate(DIHxP)	71850-09-4	50	N	N	N
Sum of 17 phthalates	/	/	N	N	N

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REPORT NO.: STCT2505093 DATE: 2025-11-04

PAGE: 6 OF 6

Test Parameter	Cas No.	MDL (mg/kg)	Result(mg/kg)		
			S01+S02 +S03	S05	S07
Conclusion		Pass	Pass	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.

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