

Verification code: 563714

[illegible]

**Sample Receiving Date** : 2025-10-31

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

**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  
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, for details refer to the following pages.

**Summary of Test Results**

Test Parameter	Composite/Individual Test Item(s)	Test Results
Total lead(Pb) content in non-surface coating materials(Substrate)	S01+S02+S03 S04 S06	Pass
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

**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)**

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+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**

Test Method : U.S.A. Consumer Product Safety Improvement Act of 2008  
(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

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

### 3. Phthalates

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

Client's Specification : Sum of 17 phthalates&lt;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

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(&lt;MDL)

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

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