



Test Report

No.T32420300751TC

Date: Jul 18, 2024

Page 1 of 13

POLYKOTE INK & PAINT (SHENZHEN) LTD.
NO. 118, HUANG PU ROAD, SHAJING SUBDISTRICT, BAOAN, SHENZHEN, CHINA (ZIP CODE: 518125)

The following samples were submitted and identified by/on behalf of the client as:
PLEASE SEE ATTACHMENT

Case No. : CA324203034549
Sample Receiving Date : JUN 27, 2024
Testing Period : JUN 27, 2024 – JUL 15, 2024

Selected test(s) as requested by the client, please refer to test result page(s) for details:

Test Requested	Conclusion
1. European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC	PASS
2. European RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU – DEHP, BBP, DBP and DIBP content	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS Hong Kong Ltd.



To Man Wah, Po
Technical Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.





Test Report

No.T32420300751TC

Date: Jul 18, 2024

Page 2 of 13

Attachment:

FLEXOGRAPHIC & GRAVURE INK NO.:	FLEXOGRAPHIC & GRAVURE INK COLOR:
FLEXO / AA / ROTO / TW / 3M / F8101 / 2 / 3 / 4 / 5 / 6 / 8	FLUORESCENT COLOR
HR / AA / TW / 3M / 103 / 62 / A / M / -5 / -8	WHITE
HR / AA / TW / 3M / 074 / 075 / 077 / 91 / 95 / 97 / M	BLACK / CONDUCTIVE BLACK
HR / AA / TW / 3M / 301 / 302 / 303 / 501 / 502 / 22 / 32 / 33 / A / M	YELLOW
HR / AA / TW / 3M / 326 / 122E / 794 / 795 / 796 / 26 / 81 / 82 / 86 / M	YELLOW
HR / AA / TW / 3M / 020 / 797 / 20 / 50 / 87 / M	ORANGE
HR / AA / TW / 3M / 351 / 352 / 800 / 51 / 52 / 88 / M	RED
HR / AA / TW / 3M / 430 / 432 / 798 / 799 / 13 / 17 / M	RED
HR / AA / TW / 3M / 433 / 490 / 11 / 16 / 48 / M	RED
HR / AA / TW / 3M / 126 / 79 / M	GREEN
HR / AA / TW / 3M / 379 / 138 / 362 / 363 / 39 / 38 / 35 / 36 / M	BLUE
HR / AA / TW / 3M / 356 / 358 / 56 / 58 / M	MAGENTA
HR / AA / TW / 3M / 343 / 348 / 83 / 84 / M	VIOLET
FLEXO / AA / ROTO / TW / 3M / 638 / 66 / 67 / Silver	GOLD MEDIUM w/ SILVER
FLEXO / AA / ROTO / TW / 3M / 638 / 66 / 67 / Rich & Pale Gold	GOLD MEDIUM w/ GOLD
R / F #6 Aluminium Paste	ALUMINIUM PASTE
R / F Matt Paste	POLYKOTE / POLYVURE MATT PASTE

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report

No.T32420300751TC

Date: Jul 18, 2024

Page 3 of 13

Test Results:

1. European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC

Cadmium, Lead, Mercury, Hexavalent Chromium, Polybromobiphenyl (PBB) and Polybromodiphenyl ether (PBDE) content

Method :

For Lead, Cadmium : With reference to IEC 62321-5:2013, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS).

For Mercury : With reference to IEC 62321-4:2013+AMD1:2017, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

For PBB and PBDEs : With reference to IEC 62321-6:2015, analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

For Chromium (VI) : With reference to IEC 62321-7-2:2017, analysis was performed by Ultraviolet Visible Spectrophotometer (UV-Vis)

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1	2	3		
Cadmium (Cd)	ND	ND	ND	5	100
Lead (Pb)	ND	ND	ND	5	1000
Mercury (Hg)	ND	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	1000
Sum of PBBs	ND	ND	ND	--	1000
Monobromobiphenyl	ND	ND	ND	--	--
Dibromobiphenyl	ND	ND	ND	--	--
Tribromobiphenyl	ND	ND	ND	--	--
Tetrabromobiphenyl	ND	ND	ND	--	--
Pentabromobiphenyl	ND	ND	ND	--	--
Hexabromobiphenyl	ND	ND	ND	--	--
Heptabromobiphenyl	ND	ND	ND	--	--
Octabromobiphenyl	ND	ND	ND	--	--
Nonabromobiphenyl	ND	ND	ND	--	--
Decabromobiphenyl	ND	ND	ND	--	--
Sum of PBDEs	ND	ND	ND	--	1000
Monobromodiphenyl ether	ND	ND	ND	--	--
Dibromodiphenyl ether	ND	ND	ND	--	--
Tribromodiphenyl ether	ND	ND	ND	--	--
Tetrabromodiphenyl ether	ND	ND	ND	--	--
Pentabromodiphenyl ether	ND	ND	ND	--	--
Hexabromodiphenyl ether	ND	ND	ND	--	--
Heptabromodiphenyl ether	ND	ND	ND	--	--
Octabromodiphenyl ether	ND	ND	ND	--	--
Nonabromodiphenyl ether	ND	ND	ND	--	--
Decabromodiphenyl ether	ND	ND	ND	--	--
Comment	Pass	Pass	Pass	--	--

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	4	5	6		
Cadmium (Cd)	ND	ND	ND	5	100
Lead (Pb)	ND	ND	ND	5	1000
Mercury (Hg)	ND	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	1000
Sum of PBBs	ND	ND	ND	--	1000
Monobromobiphenyl	ND	ND	ND	--	--
Dibromobiphenyl	ND	ND	ND	--	--
Tribromobiphenyl	ND	ND	ND	--	--
Tetrabromobiphenyl	ND	ND	ND	--	--
Pentabromobiphenyl	ND	ND	ND	--	--
Hexabromobiphenyl	ND	ND	ND	--	--
Heptabromobiphenyl	ND	ND	ND	--	--
Octabromobiphenyl	ND	ND	ND	--	--
Nonabromobiphenyl	ND	ND	ND	--	--
Decabromobiphenyl	ND	ND	ND	--	--
Sum of PBDEs	ND	ND	ND	--	1000
Monobromodiphenyl ether	ND	ND	ND	--	--
Dibromodiphenyl ether	ND	ND	ND	--	--
Tribromodiphenyl ether	ND	ND	ND	--	--
Tetrabromodiphenyl ether	ND	ND	ND	--	--
Pentabromodiphenyl ether	ND	ND	ND	--	--
Hexabromodiphenyl ether	ND	ND	ND	--	--
Heptabromodiphenyl ether	ND	ND	ND	--	--
Octabromodiphenyl ether	ND	ND	ND	--	--
Nonabromodiphenyl ether	ND	ND	ND	--	--
Decabromodiphenyl ether	ND	ND	ND	--	--
Comment	Pass	Pass	Pass	--	--

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	7	8	9		
Cadmium (Cd)	ND	ND	ND	5	100
Lead (Pb)	ND	ND	ND	5	1000
Mercury (Hg)	ND	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	1000
Sum of PBBs	ND	ND	ND	--	1000
Monobromobiphenyl	ND	ND	ND	--	--
Dibromobiphenyl	ND	ND	ND	--	--
Tribromobiphenyl	ND	ND	ND	--	--
Tetrabromobiphenyl	ND	ND	ND	--	--
Pentabromobiphenyl	ND	ND	ND	--	--
Hexabromobiphenyl	ND	ND	ND	--	--
Heptabromobiphenyl	ND	ND	ND	--	--
Octabromobiphenyl	ND	ND	ND	--	--
Nonabromobiphenyl	ND	ND	ND	--	--
Decabromobiphenyl	ND	ND	ND	--	--
Sum of PBDEs	ND	ND	ND	--	1000
Monobromodiphenyl ether	ND	ND	ND	--	--
Dibromodiphenyl ether	ND	ND	ND	--	--
Tribromodiphenyl ether	ND	ND	ND	--	--
Tetrabromodiphenyl ether	ND	ND	ND	--	--
Pentabromodiphenyl ether	ND	ND	ND	--	--
Hexabromodiphenyl ether	ND	ND	ND	--	--
Heptabromodiphenyl ether	ND	ND	ND	--	--
Octabromodiphenyl ether	ND	ND	ND	--	--
Nonabromodiphenyl ether	ND	ND	ND	--	--
Decabromodiphenyl ether	ND	ND	ND	--	--
Comment	Pass	Pass	Pass	--	--

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	10	11	12		
Cadmium (Cd)	ND	ND	ND	5	100
Lead (Pb)	ND	ND	ND	5	1000
Mercury (Hg)	ND	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	1000
Sum of PBBs	ND	ND	ND	--	1000
Monobromobiphenyl	ND	ND	ND	--	--
Dibromobiphenyl	ND	ND	ND	--	--
Tribromobiphenyl	ND	ND	ND	--	--
Tetrabromobiphenyl	ND	ND	ND	--	--
Pentabromobiphenyl	ND	ND	ND	--	--
Hexabromobiphenyl	ND	ND	ND	--	--
Heptabromobiphenyl	ND	ND	ND	--	--
Octabromobiphenyl	ND	ND	ND	--	--
Nonabromobiphenyl	ND	ND	ND	--	--
Decabromobiphenyl	ND	ND	ND	--	--
Sum of PBDEs	ND	ND	ND	--	1000
Monobromodiphenyl ether	ND	ND	ND	--	--
Dibromodiphenyl ether	ND	ND	ND	--	--
Tribromodiphenyl ether	ND	ND	ND	--	--
Tetrabromodiphenyl ether	ND	ND	ND	--	--
Pentabromodiphenyl ether	ND	ND	ND	--	--
Hexabromodiphenyl ether	ND	ND	ND	--	--
Heptabromodiphenyl ether	ND	ND	ND	--	--
Octabromodiphenyl ether	ND	ND	ND	--	--
Nonabromodiphenyl ether	ND	ND	ND	--	--
Decabromodiphenyl ether	ND	ND	ND	--	--
Comment	Pass	Pass	Pass	--	--

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report

No.T32420300751TC

Date: Jul 18, 2024

Page 7 of 13

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	13	14	15		
Cadmium (Cd)	ND	ND	ND	5	100
Lead (Pb)	ND	ND	ND	5	1000
Mercury (Hg)	ND	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	1000
Sum of PBBs	ND	ND	ND	--	1000
Monobromobiphenyl	ND	ND	ND	--	--
Dibromobiphenyl	ND	ND	ND	--	--
Tribromobiphenyl	ND	ND	ND	--	--
Tetrabromobiphenyl	ND	ND	ND	--	--
Pentabromobiphenyl	ND	ND	ND	--	--
Hexabromobiphenyl	ND	ND	ND	--	--
Heptabromobiphenyl	ND	ND	ND	--	--
Octabromobiphenyl	ND	ND	ND	--	--
Nonabromobiphenyl	ND	ND	ND	--	--
Decabromobiphenyl	ND	ND	ND	--	--
Sum of PBDEs	ND	ND	ND	--	1000
Monobromodiphenyl ether	ND	ND	ND	--	--
Dibromodiphenyl ether	ND	ND	ND	--	--
Tribromodiphenyl ether	ND	ND	ND	--	--
Tetrabromodiphenyl ether	ND	ND	ND	--	--
Pentabromodiphenyl ether	ND	ND	ND	--	--
Hexabromodiphenyl ether	ND	ND	ND	--	--
Heptabromodiphenyl ether	ND	ND	ND	--	--
Octabromodiphenyl ether	ND	ND	ND	--	--
Nonabromodiphenyl ether	ND	ND	ND	--	--
Decabromodiphenyl ether	ND	ND	ND	--	--
Comment	Pass	Pass	Pass	--	--

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	16	17		
Cadmium (Cd)	ND	ND	5	100
Lead (Pb)	ND	ND	5	1000
Mercury (Hg)	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	5	1000
Sum of PBBs	ND	ND	--	1000
Monobromobiphenyl	ND	ND	--	--
Dibromobiphenyl	ND	ND	--	--
Tribromobiphenyl	ND	ND	--	--
Tetrabromobiphenyl	ND	ND	--	--
Pentabromobiphenyl	ND	ND	--	--
Hexabromobiphenyl	ND	ND	--	--
Heptabromobiphenyl	ND	ND	--	--
Octabromobiphenyl	ND	ND	--	--
Nonabromobiphenyl	ND	ND	--	--
Decabromobiphenyl	ND	ND	--	--
Sum of PBDEs	ND	ND	--	1000
Monobromodiphenyl ether	ND	ND	--	--
Dibromodiphenyl ether	ND	ND	--	--
Tribromodiphenyl ether	ND	ND	--	--
Tetrabromodiphenyl ether	ND	ND	--	--
Pentabromodiphenyl ether	ND	ND	--	--
Hexabromodiphenyl ether	ND	ND	--	--
Heptabromodiphenyl ether	ND	ND	--	--
Octabromodiphenyl ether	ND	ND	--	--
Nonabromodiphenyl ether	ND	ND	--	--
Decabromodiphenyl ether	ND	ND	--	--
Comment	Pass	Pass	--	--

Specimen Description:

1. Fluorescent color ink (FLEXO / AA / ROTO / TW / 3M / F8101 / 2 / 3 / 4 / 5 / 6 / 8)
2. White ink (HR / AA / TW / 3M / 103 / 62 / A / M / -5 / -8)
3. Black / conductive black ink (HR / AA / TW / 3M / 074 / 075 / 077 / 91 / 95 / 97 / M)
4. Yellow ink (HR / AA / TW / 3M / 301 / 302 / 303 / 501 / 502 / 22 / 32 / 33 / A / M)
5. Yellow ink (HR / AA / TW / 3M / 326 / 122E / 794 / 795 / 796 / 26 / 81 / 82 / 86 / M)
6. Orange ink (HR / AA / TW / 3M / 020 / 797 / 20 / 50 / 87 / M)
7. Red ink (HR / AA / TW / 3M / 351 / 352 / 800 / 51 / 52 / 88 / M)
8. Red ink (HR / AA / TW / 3M / 430 / 432 / 798 / 799 / 13 / 17 / M)
9. Red ink (HR / AA / TW / 3M / 433 / 490 / 11 / 16 / 48 / M)
10. Green ink (HR / AA / TW / 3M / 126 / 79 / M)
11. Blue ink (HR / AA / TW / 3M / 379 / 138 / 362 / 363 / 39 / 38 / 35 / 36 / M)
12. Magenta ink (HR / AA / TW / 3M / 356 / 358 / 56 / 58 / M)
13. Violet ink (HR / AA / TW / 3M / 343 / 348 / 83 / 84 / M)
14. Gold medium w/ silver ink (FLEXO / AA / ROTO / TW / 3M / 638 / 66 / 67 / Silver)
15. Gold medium w/ gold ink (FLEXO / AA / ROTO / TW / 3M / 638 / 66 / 67 / Rich & Pale Gold)
16. Aluminium paste (R / F #6 Aluminium Paste)
17. Polykote / polyvure matt paste (R / F Matt Paste)

- Note:
1. mg/kg = milligram per kilogram
 2. ND = Not Detected

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Remark: Results shown as ND are ignored in the sum calculation

2. European RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU –
DEHP, BBP, DBP and DIBP content

Method : With reference to IEC 62321-8:2017. Analysis was performed by Gas Chromatography / Mass Spectrometry

Test Item	CAS No.	Result (%)			Reporting Limit (%)	Permissible Limit (%)
		1	2	3		
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Comment	--	PASS			--	--

Test Item	CAS No.	Result (%)			Reporting Limit (%)	Permissible Limit (%)
		4	5	6		
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Comment	--	PASS			--	--

Test Item	CAS No.	Result (%)			Reporting Limit (%)	Permissible Limit (%)
		7	8	9		
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Comment	--	PASS			--	--

Test Item	CAS No.	Result (%)			Reporting Limit (%)	Permissible Limit (%)
		10	11	12		
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Comment	--	PASS			--	--

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Item	CAS No.	Result (%)			Reporting Limit (%)	Permissible Limit (%)
		13	14	15		
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Comment	--	PASS			--	--

Test Item	CAS No.	Result (%)		Reporting Limit (%)	Permissible Limit (%)
		16	17		
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Comment	--	PASS		--	--

Specimen Description:

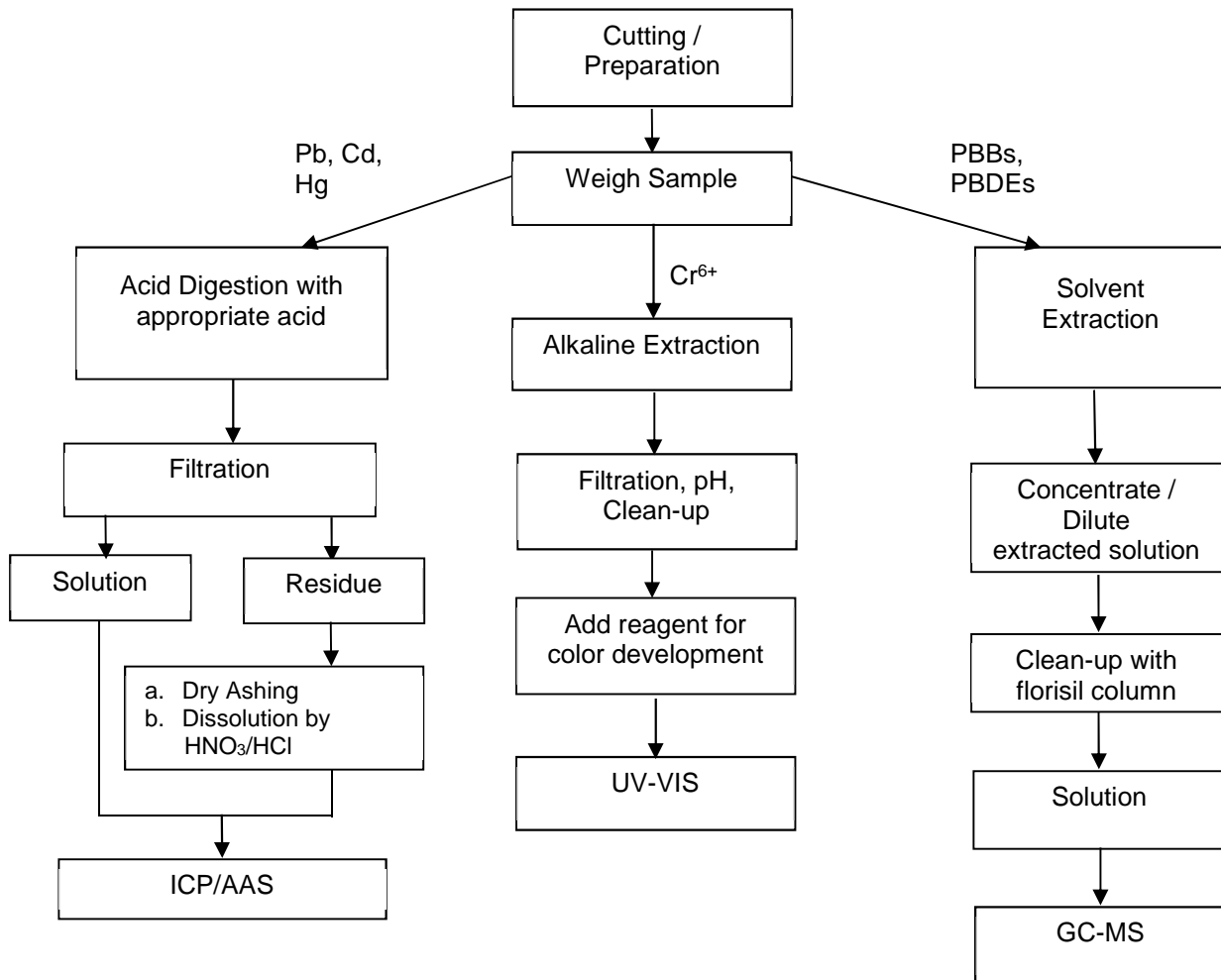
1. Fluorescent color ink (FLEXO / AA / ROTO / TW / 3M / F8101 / 2 / 3 / 4 / 5 / 6 / 8)
2. White ink (HR / AA / TW / 3M / 103 / 62 / A / M / -5 / -8)
3. Black / conductive black ink (HR / AA / TW / 3M / 074 / 075 / 077 / 91 / 95 / 97 / M)
4. Yellow ink (HR / AA / TW / 3M / 301 / 302 / 303 / 501 / 502 / 22 / 32 / 33 / A / M)
5. Yellow ink (HR / AA / TW / 3M / 326 / 122E / 794 / 795 / 796 / 26 / 81 / 82 / 86 / M)
6. Orange ink (HR / AA / TW / 3M / 020 / 797 / 20 / 50 / 87 / M)
7. Red ink (HR / AA / TW / 3M / 351 / 352 / 800 / 51 / 52 / 88 / M)
8. Red ink (HR / AA / TW / 3M / 430 / 432 / 798 / 799 / 13 / 17 / M)
9. Red ink (HR / AA / TW / 3M / 433 / 490 / 11 / 16 / 48 / M)
10. Green ink (HR / AA / TW / 3M / 126 / 79 / M)
11. Blue ink (HR / AA / TW / 3M / 379 / 138 / 362 / 363 / 39 / 38 / 35 / 36 / M)
12. Magenta ink (HR / AA / TW / 3M / 356 / 358 / 56 / 58 / M)
13. Violet ink (HR / AA / TW / 3M / 343 / 348 / 83 / 84 / M)
14. Gold medium w/ silver ink (FLEXO / AA / ROTO / TW / 3M / 638 / 66 / 67 / Silver)
15. Gold medium w/ gold ink (FLEXO / AA / ROTO / TW / 3M / 638 / 66 / 67 / Rich & Pale Gold)
16. Aluminium paste (R / F #6 Aluminium Paste)
17. Polykote / polyvure matt paste (R / F Matt Paste)

- Note:
1. mg/kg = milligram per kilogram
 2. ND = Not Detected

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Flowchart:

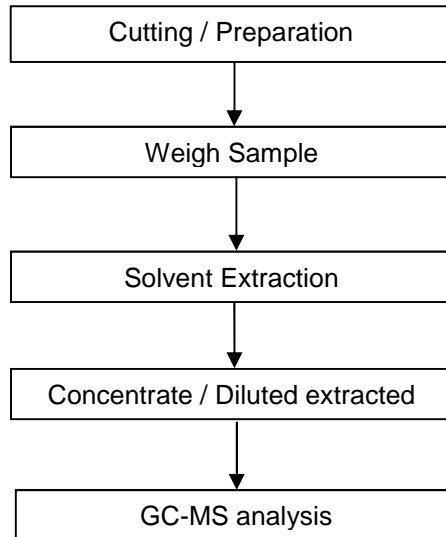


- Note : 1. For Cr(VI), spot test is adopted for metal sample.
 2. The Cd and Pb contents test on polymeric samples were dissolved totally by pre-conditioning method according to above flow chart.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Flowchart:



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Remark:

When statement of conformity is made, unless inherent in the requested specification, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.

“Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band.” or “Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.”.

“Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band.” or “Fail - One or more measured values were observed out of tolerance at the points tested”. The specific false reject risk is up to 2.5%.

“Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%.”

Sample Photo:

Pic.1



SGS authenticate the photo on original report only

*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.