

TEST REPORT

Job No./Report No TR2303621

Date: 24 May 2023

Page 1 of 49

ÜNAL KABLO SANAYİ VE TİCARET ANONİM MERKEZİ

Velimeşe OSB Mah. 247. Sokak No:4/1 Ergene / Tekirdağ / Türkiye

To the attention of Yıldırım Çakır

The following sample(s) was /were submitted and identified by/on behalf of the clients as:

Sample Submitted By : ÜNAL KABLO SANAYİ VE TİCARET ANONİM MERKEZİ
Sample Description : See the following page.
Sample Receiving Date : 02 May 2023
Testing Period : 02 May 2023 ~ 24 May 2023
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s)
Test Result(s) : Please refer to next page(s)

Conclusion : Based on the performed tests on selected part of submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) does not comply with the limits as set by Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. 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. Unsigned test reports are considered invalid. 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. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 2 of 49

The test results relate to the tested items only.
Test reports without SGS seal and authorized signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd
Kontrol Servisleri A.Ş.

RAVİYE MUTLU
Customer Services Supervisor

Bora Şirinbilek
Hardline & CPCH Testing Services Manager



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 3 of 49

Test Part Description:

CONCLUSION

1	HFFR CABLE	
1.1	Black Plastic Cable	PASS
1.2	Yellow-green Plastic Cable	PASS
2	HFFR CABLE	
2.1	Black Plastic Cable	PASS
2.2	Brown Plastic Cable	PASS
2.3	Yellow green Plastic Cable	PASS
3	XLPE CABLE	
3.1	Black Plastic XLPE cable	PASS
3.2	Brown Plastic XLPE cable	PASS
3.3	White Plastic XLPE cable	PASS
3.4	Blue Plastic XLPE cable	PASS
4	S/Y PVC CABLE	
4.1	Yellow green Plastic S/Y PVC cable	PASS
5	PVC CABLE	
5.1	Black Plastic PVC cable	PASS
6	PVC CABLE	
6.1	Grey Plastic PVC cable	PASS
7	PVC CABLE	
7.1	Black Plastic PVC cable	PASS
8	PVC CABLE	
8.1	Grey Plastic PVC cable	PASS
9	PVC CABLE	
9.1	Blue Plastic PVC cable	PASS
10	PVC CABLE	
10.1	Brown Plastic PVC cable	PASS
11	PVC CABLE	
11.1	Brown Plastic PVC cable	PASS
12	PVC CABLE	
12.1	Blue Plastic PVC cable	PASS
13	PE CABLE	
13.1	Red Plastic PE cable	PASS
13.2	White Plastic PE cable	PASS
13.3	Red Plastic PE cable thin	PASS
13.4	White Plastic PE cable thin	PASS
14	CABLE	
14.1	Brown Plastic Cable	PASS
14.2	White-brown Plastic Cable	PASS
15	CABLE	
15.1	Dark Brown Plastic Cable	PASS
15.2	White-brown Plastic Cable	PASS
16	CABLE	
16.1	Green Plastic Cable	PASS
16.2	White-green Plastic Cable	PASS

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 4 of 49

Test Part Description:

CONCLUSION

17	CABLE	
17.1	Dark Green Plastic Cable	PASS
17.2	White-green Plastic Cable	PASS
18	CABLE	
18.1	Orange Plastic Cable	PASS
18.2	White-orange Plastic Cable	PASS
19	CABLE	
19.1	Dark Orange Plastic Cable	PASS
19.2	Orange-white Plastic Cable	PASS
20	CABLE	
20.1	Blue Plastic Cable	PASS
20.2	Blue-white Plastic Cable	PASS
21	CABLE	
21.1	Dark Blue Plastic Cable	PASS
21.2	Blue-white Plastic Cable	PASS
22	S/Y PVC	
22.1	Yellow-green Plastic S/Y PVC	PASS
22.2	Yellow dark-green Plastic S/Y PVC	PASS
23	SILICON	
23.1	Blue Plastic Silicon	PASS
24	SILICON	
24.1	Blue Plastic Silicon	PASS

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 5 of 49

Test Item(s):	RESULTS	
	1.1	1.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 6 of 49

Test Item(s):	RESULTS		
	2.1	2.2	2.3
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
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
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
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 7 of 49

Test Item(s):	RESULTS		
	3.1	3.2	3.3
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
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
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
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 8 of 49

Test Item(s):	RESULTS
	<u>3.4</u>
Cadmium (Cd)	ND
Lead (Pb)	ND
Mercury (Hg)	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA
Flame Retardants	
Sum of PBBs	ND
Monobromobiphenyl	ND
Dibromobiphenyl	ND
Tribromobiphenyl	ND
Tetrabromobiphenyl	ND
Pentabromobiphenyl	ND
Hexabromobiphenyl	ND
Heptabromobiphenyl	ND
Octabromobiphenyl	ND
Nonabromobiphenyl	ND
Decabromobiphenyl	ND
Sum of PBDEs	ND
Monobromodiphenyl ether	ND
Dibromodiphenyl ether	ND
Tribromodiphenyl ether	ND
Tetrabromodiphenyl ether	ND
Pentabromodiphenyl ether	ND
Hexabromodiphenyl ether	ND
Heptabromodiphenyl ether	ND
Octabromodiphenyl ether	ND
Nonabromodiphenyl ether	ND
Decabromodiphenyl ether	ND
Phthalates	ND
Dibutyl phthalate (DBP)	ND
Butyl benzyl phthalate (BBP)	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND
Diisobutyl Phthalates (DIBP)	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 9 of 49

Test Item(s):	RESULTS		
	4.1	5.1	6.1
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
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
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
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 10 of 49

Test Item(s):	RESULTS		
	7.1	8.1	9.1
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
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
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
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 11 of 49

Test Item(s):	RESULTS		
	10.1	11.1	12.1
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
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
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
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 12 of 49

Test Item(s):	RESULTS		
	13.1	13.2	13.3
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
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
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
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 13 of 49

Test Item(s):	RESULTS
	13.4
Cadmium (Cd)	ND
Lead (Pb)	ND
Mercury (Hg)	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA
Flame Retardants	
Sum of PBBs	ND
Monobromobiphenyl	ND
Dibromobiphenyl	ND
Tribromobiphenyl	ND
Tetrabromobiphenyl	ND
Pentabromobiphenyl	ND
Hexabromobiphenyl	ND
Heptabromobiphenyl	ND
Octabromobiphenyl	ND
Nonabromobiphenyl	ND
Decabromobiphenyl	ND
Sum of PBDEs	ND
Monobromodiphenyl ether	ND
Dibromodiphenyl ether	ND
Tribromodiphenyl ether	ND
Tetrabromodiphenyl ether	ND
Pentabromodiphenyl ether	ND
Hexabromodiphenyl ether	ND
Heptabromodiphenyl ether	ND
Octabromodiphenyl ether	ND
Nonabromodiphenyl ether	ND
Decabromodiphenyl ether	ND
Phthalates	ND
Dibutyl phthalate (DBP)	ND
Butyl benzyl phthalate (BBP)	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND
Diisobutyl Phthalates (DIBP)	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 14 of 49

Test Item(s):	RESULTS	
	14.1	14.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 15 of 49

Test Item(s):	RESULTS	
	15.1	15.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 16 of 49

Test Item(s):	RESULTS	
	16.1	16.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 17 of 49

Test Item(s):	RESULTS	
	<u>17.1</u>	<u>17.2</u>
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 18 of 49

Test Item(s):	RESULTS	
	18.1	18.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 19 of 49

Test Item(s):	RESULTS	
	19.1	19.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 20 of 49

Test Item(s):	RESULTS	
	20.1	20.2
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 21 of 49

Test Item(s):	RESULTS	
	<u>21.1</u>	<u>21.2</u>
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 22 of 49

Test Item(s):	RESULTS	
	<u>22.1</u>	<u>22.2</u>
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 23 of 49

Test Item(s):	RESULTS	
	<u>23.1</u>	<u>24.1</u>
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA
Flame Retardants		
Sum of PBBs	ND	ND
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
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
Phthalates	ND	ND
Dibutyl phthalate (DBP)	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 24 of 49

SUBSTANCE	LIMITS	
Cadmium (Cd)Content	0.01 % (100 ppm)	
Lead (Pb) Content	0.1 % (1000 ppm)	
Mercury (Hg) Content	0.1 % (1000 ppm)	
Chromium VI (Cr+6)Content(ppm)(for non metal)	0.1 % (1000 ppm)	
Chromium VI (Cr+6)Content($\mu\text{g}/\text{cm}^2$)for metal)	Colorimetric result < 0.10 $\mu\text{g}/\text{cm}^2$ ≥ 0.10 $\mu\text{g}/\text{cm}^2$ and ≤ 0.13 $\mu\text{g}/\text{cm}^2$ > 0.13 $\mu\text{g}/\text{cm}^2$	Qualitative Result Negative Inconclusive Positive
PBB	0.1 % (1000 ppm)	
PBBDE	0.1 % (1000 ppm)	
Dibutyl Phthalate (DBP)	0.1 % (1000 ppm)	
Benzyl Butyl Phthalate (BBP)	0.1 % (1000 ppm)	
Diethyl Hexyl Phthalate (DEHP)	0.1 % (1000 ppm)	
Diisobutyl Phthalate (DIBP)	0.1 % (1000 ppm)	

Testing Item	Testing Method	MDL
Cadmium (Cd)Content	With reference to IEC 62321-5:2013, determination of Cadmium by ICP-MS/ICP-OES. ¹	2 ppm
Lead (Pb)Content	With reference to IEC 62321-5:2013, determination of Lead by ICP-MS/ICP-OES. ¹	2 ppm
Mercury (Hg)Content	With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-MS/ICP-OES. ¹	2 ppm
Chromium VI (Cr6+) (For non-metal)	With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis. ¹	8 ppm
Chromium VI (Cr6+) (For metal)	With reference to IEC 62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis. ¹	0.1 $\mu\text{g}/\text{cm}^2$ with 50 cm^2 (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. ¹	5 ppm
Phthalates	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS. ¹	50 ppm

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 25 of 49

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series
http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (2) On 4 June 2015, [Commission Directive \(EU\) 2015/863](#) was published in the Official Journal of the European Union (OJEU) to include the phthalates BBP, DBP, DEHP and DIBP into ANNEX II of the Rohs Recast Directive. The new law restricts each phthalate to no more than 0.1% in each homogeneous material of an electrical product.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.
- (4) The restriction of DEHP, BBP, DBP and DIBP shall not apply to cables or spare parts for the repair, the reuse, the updating of functionalities or upgrading of capacity of EEE placed on the market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July 2021.
- (5) The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 26 of 49

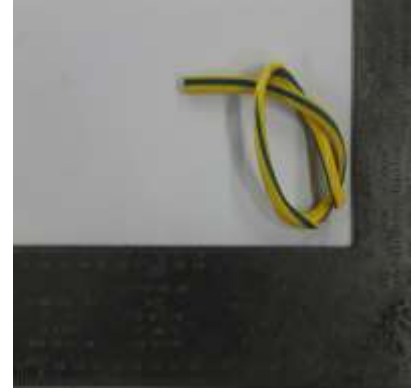
1



1.1



1.2



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 27 of 49

2



2.1



2.2



2.3



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 28 of 49

3**3.1****3.2****3.3****3.4**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 29 of 49

4



4.1



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 30 of 49

5**5.1**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 31 of 49

6**6.1**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 32 of 49

7



7.1



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 33 of 49

8**8.1**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 34 of 49

9



9.1



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 35 of 49

10**10.1**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 36 of 49

11



11.1



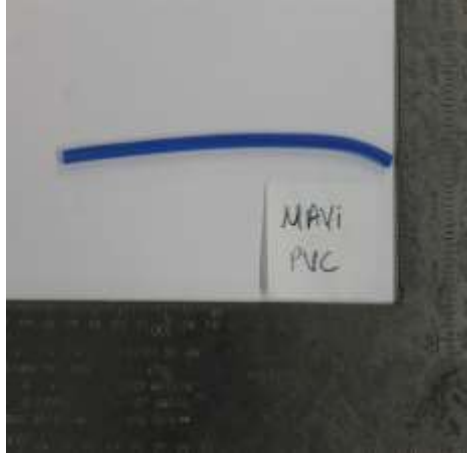
TEST REPORT

Job No./Report No TR2303621

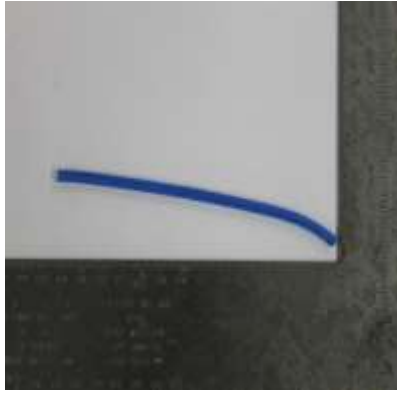
Date:24 May 2023

Page 37 of 49

12



12.1



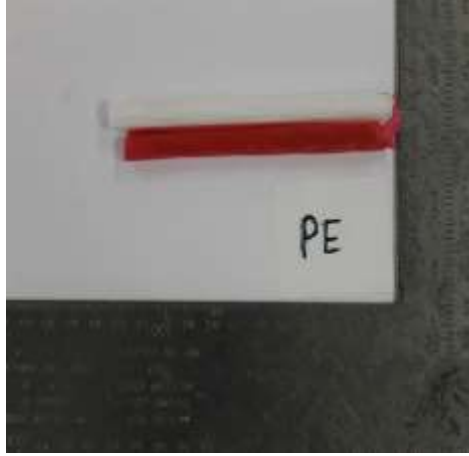
TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 38 of 49

13



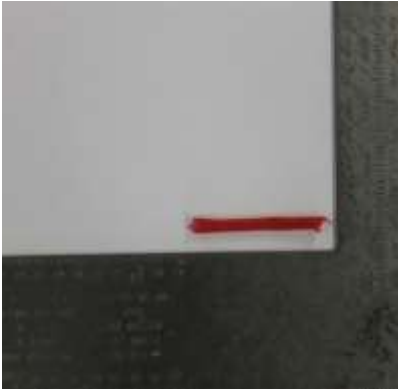
13.1



13.2



13.3



13.4



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 39 of 49

14**14.1****14.2**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 40 of 49

15



15.1



15.2



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 41 of 49

16



16.1



16.2



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 42 of 49

17



17.1



17.2



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 43 of 49

18**18.1****18.2**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 44 of 49

19



19.1



19.2



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 45 of 49

20**20.1****20.2**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 46 of 49

21



21.1



21.2



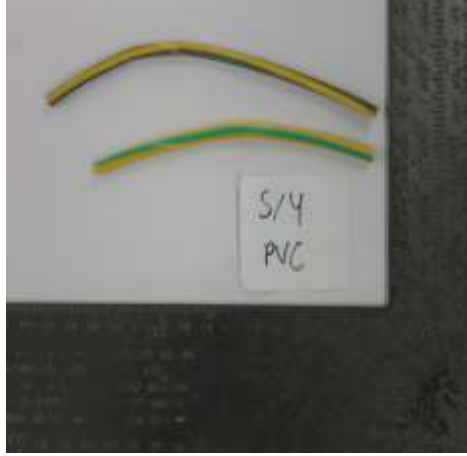
TEST REPORT

Job No./Report No TR2303621

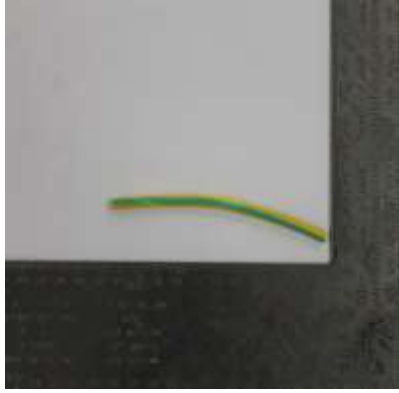
Date:24 May 2023

Page 47 of 49

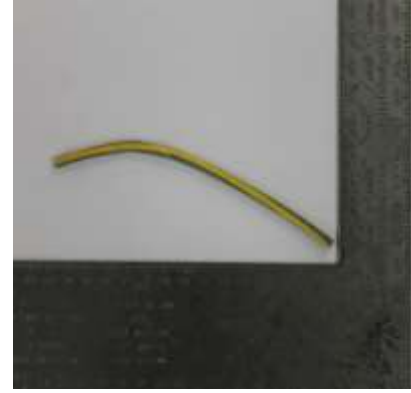
22



22.1



22.2



TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 48 of 49

23**23.1**

TEST REPORT

Job No./Report No TR2303621

Date:24 May 2023

Page 49 of 49

24**24.1**

* * *

End of Test Report

* * *