



中国认可
国际互认
检测
TESTING
CNAS L9334



微谱
WEIPU

Test Report

Report No. : WP-22016419-JC-03En

Sample Origin : Customer Sample Delivery

Client : NorthBridge New Material Technology(Suzhou) Co.,Ltd

Building# B2, Chaoyang Industrial square, Caohu Industrial

Address: Park, Xiangcheng District, Suzhou. CN.



Shanghai WEIPU Chemical Technology Service Co., Ltd

Report No. : WP-22016419-JC-03En Page(s) : 1 / 4

Test Report

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

Sample Name: PLA K5

Sample character: solid

Type: /

Testing information:

Date of Sample Received: 2022-01-26

Testing Period: 2022-01-26~2022-01-30

Test Item(s): Selected test (s) as requested by client.

Test Criterion: Please refer to next page(s).

Test Result: Please refer to next page(s).

Complied by :

Alice Huang

Approved by :

Caina Min

Issued Date :

2022-01-30

Report No. : WP-22016419-JC-03En Page(s) : 2 / 4

Test Part Description :

<u>Serial No.</u>	<u>Name</u>	<u>Sample ID</u>	<u>Description</u>
001	PLA K5	220107119-1	Solid blue

Test Method and Apparatus :

<u>Test Items</u>	<u>Test method</u>	<u>Apparatus</u>
Lead(Pb)	IEC 62321-5: 2013	ICP-OES
Cadmium(Cd)	IEC 62321-5: 2013	ICP-OES
Mercury(Hg)	IEC 62321-4: 2013+AMD1:2017CSV	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321-7-2:2017	UV-Vis
Sum of PBBsand PBDEs	IEC 62321-6:2015	GC-MS
Dibutyl phthalate(DBP)	IEC 62321-8:2017	GC-MS
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS
Bis (2-ethylhexyl) phthalate (DEHP)	IEC 62321-8:2017	GC-MS
Diisobutyl Phthalates (DIBP)	IEC 62321-8:2017	GC-MS

Test Results:

<u>Test Items</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Serial No.</u> <u>001</u>
Lead(Pb)	mg/kg	2	1000	N.D.
Cadmium(Cd)	mg/kg	2	100	N.D.
Mercury (Hg)	mg/kg	2	1000	N.D.
Hexavalent Chromium (Cr(VI))	mg/kg	8	1000	N.D.
Sum of PBBs	mg/kg	-	1000	N.D.
Monobromobiphenyl	mg/kg	5	-	N.D.
Dibromobiphenyl	mg/kg	5	-	N.D.
Tribromobiphenyl	mg/kg	5	-	N.D.
Tetrabromobiphenyl	mg/kg	5	-	N.D.
Pentabromobiphenyl	mg/kg	5	-	N.D.
Hexabromobiphenyl	mg/kg	5	-	N.D.
Heptabromobiphenyl	mg/kg	5	-	N.D.
Octabromobiphenyl	mg/kg	5	-	N.D.
Nonabromobiphenyl	mg/kg	5	-	N.D.

Report No. : WP-22016419-JC-03En Page(s) : 3 / 4

<u>Test Items</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Serial No.</u> <u>001</u>
Decabromobiphenyl	mg/kg	5	-	N.D.
Sum of PBDEs	mg/kg	-	1000	N.D.
Monobromodiphenyl ether	mg/kg	5	-	N.D.
Dibromodiphenyl ether	mg/kg	5	-	N.D.
Tribromodiphenyl ether	mg/kg	5	-	N.D.
Tetrabromodiphenyl ether	mg/kg	5	-	N.D.
Pentabromodiphenyl ether	mg/kg	5	-	N.D.
Hexabromodiphenyl ether	mg/kg	5	-	N.D.
Heptabromodiphenyl ether	mg/kg	5	-	N.D.
Octabromodiphenyl ether	mg/kg	5	-	N.D.
Nonabromodiphenyl ether	mg/kg	5	-	N.D.
Decabromodiphenyl ether	mg/kg	5	-	N.D.
Dibutyl phthalate (DBP)	mg/kg	50	1000	N.D.
Butyl benzyl phthalate (BBP)	mg/kg	50	1000	N.D.
Bis (2-ethylhexyl) phthalate (DEHP)	mg/kg	50	1000	N.D.
Diisobutyl Phthalates (DIBP)	mg/kg	50	1000	N.D.

Conclusion :

Based on the performed tests on selected part of submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

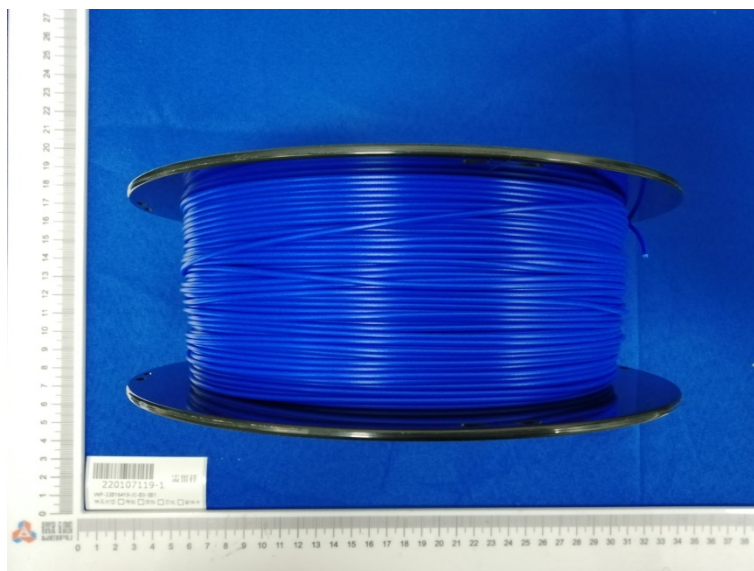
Remarks :

- (1) 1mg/kg = 1ppm = 0.0001%
- (2) MDL =Method Detection Limit
- (3) N.D.=Not Detected (< MDL)
- (4) " - " =Not Regulated

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Report No. : WP-22016419-JC-03En Page(s) : 4 / 4

Sample picture(s):



220107119-1

End of the Report

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