

Test Report

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

Client Address : Factory Building B2, Chaoyang Industrial Square,
Caohu Industrial Park, Xiangcheng Economic
Development Zone, Suzhou, China 215100

Product Name : Kexcelled 3D Printing Filament/PLA Basic

Report Date : 2024.11.28

Shenzhen Anbotek Compliance Laboratory Limited



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Applicant : NorthBridge New Material Technology (Suzhou) Co.,Ltd.
Address : Factory Building B2, Chaoyang Industrial Square, Caohu Industrial Park,
Xiangcheng Economic Development Zone, Suzhou, China 215100
The submitted sample and sample information was/were submitted and identified by/on the behalf of the client
Sample Name : Kexcelled 3D Printing Filament/PLA Basic
Test Model No. : KT2024
Manufacturer : NorthBridge New Material Technology (Suzhou) Co.,Ltd.
Sample Received Date : 2024.11.08
Testing Period : 2024.11.08~2024.11.18

Test Requested	Conclusion
As specified by client, in accordance with Section 6(h) of Toxic Substances Control Act (TSCA), to determine the selected material of the submitted sample:	
- Decabromodiphenyl ether (DecaBDE)	Pass
- Phenol, isopropylated, phosphate (3:1) (PIP, 3:1)	Pass
- Hexachlorobutadiene (HCBD)	Pass
- 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	Pass
- Pentachlorothiophenol (PCTP)	Pass

Test Method: Please refer to the following page(s).

Test Result(s): Please refer to the following page(s).

Edited by Beryl Jian Reviewed by zoe zheng Authorized Signatory Jian



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Tested Sample/Part Description:

- 1# Wine red plastic wire + black plastic wire + pink plastic wire mixed
- 2# Orange plastic wire + green plastic wire + purple plastic wire mixed
- 3# Blue plastic wire + green plastic wire + white plastic wire mixed
- 4# Tiffany blue plastic wire + coral color plastic wire mixed

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	Limit
Decabromodiphenyl ether (DecaBDE)	US EPA 3550C: 2007	GC-MS	Absent
Phenol, isopropylated, phosphate (3:1) (PIP, 3:1)	US EPA 3550C: 2007	GC-MS	Absent
Hexachlorobutadiene (HCBd)	US EPA 3550C: 2007	GC-MS	Absent
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	US EPA 3550C: 2007	GC-MS	3000 mg/kg
Pentachlorothiophenol (PCTP)	US EPA 3550C: 2007	GC-MS	10000 mg/kg



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Test Result(s):

Sample No.	Tested Items	Result Unit (mg/kg)	MDL Unit (mg/kg)
1#	Decabromodiphenyl ether (DecaBDE)	N.D.	5
	Phenol, isopropylated, phosphate (3:1) (PIP, 3:1)	N.D.	5
	Hexachlorobutadiene (HCBD)	N.D.	5
	2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	N.D.	5
	Pentachlorothiophenol (PCTP)	N.D.	5
2#	Decabromodiphenyl ether (DecaBDE)	N.D.	5
	Phenol, isopropylated, phosphate (3:1) (PIP, 3:1)	N.D.	5
	Hexachlorobutadiene (HCBD)	N.D.	5
	2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	N.D.	5
	Pentachlorothiophenol (PCTP)	N.D.	5
3#	Decabromodiphenyl ether (DecaBDE)	N.D.	5
	Phenol, isopropylated, phosphate (3:1) (PIP, 3:1)	N.D.	5
	Hexachlorobutadiene (HCBD)	N.D.	5
	2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	N.D.	5
	Pentachlorothiophenol (PCTP)	N.D.	5
4#	Decabromodiphenyl ether (DecaBDE)	N.D.	5
	Phenol, isopropylated, phosphate (3:1) (PIP, 3:1)	N.D.	5
	Hexachlorobutadiene (HCBD)	N.D.	5
	2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	N.D.	5
	Pentachlorothiophenol (PCTP)	N.D.	5

Note:

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-#-As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.



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Photograph of Sample



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***** End of Report *****

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of Anbotek, this report can't be reproduced except in full.

