



中国认可  
国际互认  
检测  
TESTING  
CNAS L6069



## Test Report

Report No. TC.23.05.002027

Date of Issue 05/04/2023

Applicant: Shanghai Yifeng New Materials Co.,Ltd.

Applicant address: Building 10, No.228, Xihan Road, Nanqiao Town, Fengxian District, Shanghai

Description of the test subject:

Sample	Description	Photo
001	Sample Description: Low smoke and halogen-free wiring duct (Blue) Style No.: L-VD/UD/R	

Receipt Date of Sample: 04/03/2023

Date of Testing: From 04/03/2023 to 04/07/2023

Sample Submitted: The sample(s) was (were) submitted by applicant and identified.

### Conclusion:

Test Items				Conclusion
No.	Items	Test Standard	Conclusion Based	
1	ROHS 2.0	IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 IEC 62321-7-2:2017 IEC 62321-6:2015 IEC 62321-8:2017	RoHS Directive 2011/65/EU and its subsequent amendments Directive (EU) 2015/863	Pass

Remark: This Report is the English Version of Test Report No. TC.23.04.001429.

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:  
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### Test Results

#### 1. ROHS 2.0

##### Test Method:

Pb&Cd: IEC 62321-5:2013, Analysis was performed by ICP-OES.

Hg: IEC 62321-4:2013+AMD1:2017, Analysis was performed by ICP-OES.

Cr (VI): IEC 62321-7-2:2017, Analysis was performed by UV-vis.

PBBs & PBDEs: IEC 62321-6:2015, Analysis was performed by GC-MS.

Phthalates: IEC 62321-8:2017, Analysis was performed by GC-MS.

No.	Test Items	MDL (mg/kg)	Results (mg/kg)	Limited Value* (mg/kg)
1	Lead (Pb)	10	N.D.	1000
2	Cadmium (Cd)	10	N.D.	100
3	Mercury (Hg)	4	N.D.	1000
4	Hexavalent chromium (Cr (VI))	8	N.D.	1000
5	Monobromobiphenyl (MonoBB)	5	N.D.	---
	Dibromobiphenyl (DiBB)	5	N.D.	---
	Tribromobiphenyl (TriBB)	5	N.D.	---
	Tetrabromobiphenyl (TetraBB)	5	N.D.	---
	Pentabromobiphenyl (PentaBB)	5	N.D.	---
	Hexabromobiphenyl (HexaBB)	5	N.D.	---
	Heptabromobiphenyl (HeptaBB)	5	N.D.	---
	Octabromobiphenyl (OctaBB)	5	N.D.	---
	Nonabromobiphenyl (NonaBB)	5	N.D.	---
	Decabromobiphenyl (DecaBB)	5	N.D.	---
	<b>Total Polybrominated biphenyls (PBBs) / sum of above</b>	---	<b>N.D.</b>	<b>1000</b>
6	Monobromodiphenyl ether (MonoBDE)	5	N.D.	---
	Dibromodiphenyl ether (DiBDE)	5	N.D.	---
	Tribromodiphenyl ether (TriBDE)	5	N.D.	---
	Tetrabromodiphenyl ether (TetraBDE)	5	N.D.	---
	Pentabromodiphenyl ether (PentaBDE)	5	N.D.	---
	Hexabromodiphenyl ether (HexaBDE)	5	N.D.	---

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检验检测专用章  
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	Heptabromodiphenyl ether (HeptaBDE)	5	N.D.	---
	Octabromodiphenyl ether (OctaBDE)	5	N.D.	---
	Nonabromodiphenyl ether (NonaBDE)	5	N.D.	---
	Decabromodiphenyl ether (DecaBDE)	5	N.D.	---
	<b>Total Polybrominated diphenyl ethers (PBDEs) / sum of above</b>	---	<b>N.D.</b>	<b>1000</b>
7	Bis(2-ethylhexyl) phthalate (DEHP)	100	N.D.	1000
8	Benzyl butyl phthalate (BBP)	100	N.D.	1000
9	Dibutyl phthalate (DBP)	100	N.D.	1000
10	Diisobutyl phthalate (DIBP)	100	N.D.	1000

**Note:** \* The limited value is quoted from the RoHS Directive 2011/65/EU and its subsequent amendments Directive (EU) 2015/863.

- Note:**
- 1) MDL = Method Detection Limit.
  - 2) N.D. = Not detected, less than MDL.
  - 3) "---" = Not Regulated.
  - 4) Test results are just for internal reference.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Drafted by:

Shao Dejuan

Dejuan Shao

Approved by:

Edward Huang

Edward Huang

-End of Report-

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